

19970921.qrp v00_n855.qrs.970921

Date: Sun, 21 Sep 1997 19:03:14 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 855

QRP-L Digest 855

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- 1) [27084] Re: QRP Contest.
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- 2) [27085] RE: QRP Contest.
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- 3) [27086] Re: Virginia Beach, VA ...Hamfest
by Bob Hightower <ki7mn@dancris.com>
- 4) [27087] Inverted-V Angle
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- 5) [27088] Super Afield Test-after changes
by Mark S Adams <msadams@acsu.buffalo.edu>
- 6) [27089] Re: QRP Contest.
by AE0Q V31RY <v31ry@ix.netcom.com>
- 7) [27090] Re: QRP Contest.
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- 8) [27091] Help/advice
by gerys@juno.com (Gerry Scott)
- 9) [27092] HW-8
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- 10) [27093] Re: Qrp Contest
by Mike Connor <mikec@primenet.com>
- 11) [27094] Fun Contest!
by "Thomas J. Whalen" <whalen@swcp.com>
- 12) [27095] QRP Afield
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- 14) [27097] Vanity Gate 3 Slammed?
by rwright@soml.com (Robert Wright)
- 15) [27098] QRP Afield Score
by w_hill@ns.net (Ward Hill)
- 16) [27099] Re: QRP Contest.
by "Kevin F. Glynn" <KFGlynn@prodigy.net>
- 17) [27100] QRpTTF Or how I spent all of my 30 spare minutes.
by Jess Gypin <jessqrp@concentric.net>
- 18) [27101] Tnx 4 Hlp on Code Practice ?
by flyer@hooked.net
- 19) [27102] QRP AFIELD

- by "Owen 'OJ' Quarles" <k1oj@swbell.net>
- 20) [27103] Re: Tube QRP Rigs
by Ken Lopez <kjlopez@earthlink.net>
- 21) [27104] QRP Afield
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
- 22) [27105] QRP Afield
by Roger Hightower <n7kt@dancris.com>
- 23) [27106] QRP TTF K0FRP
by AlK0FRP@aol.com
- 24) [27107] Re: Tube QRP Rigs
by Robert Bayha <rbayha@ix.netcom.com>
- 25) [27108] Re: Tube QRP Rigs
by Robert Parks <rob3ert@vegas.infi.net>
- 26) [27109] Re: Fun Contest!
by LynnSimons@aol.com
- 27) [27110] Spud gun results
by "Thomas J. Whalen" <whalen@swcp.com>
- 28) [27111] QRP and ARRL, plus QRP Afield
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 29) [27112] QRP Afield
by w_hill@ns.net (Ward Hill)
- 30) [27113] Never too OLD COOT!
by "Thomas J. Whalen" <whalen@swcp.com>
- 31) [27114] Re: Help/advice
by k8cv@juno.com
- 32) [27115] QRP Afield/dodging electrical storms & surfing the air waves. (long)
by wa5whn@juno.com
- 33) [27116] QRP Projects
by dwayne rich <drichff@worldnet.att.net>
- 34) [27117] NOCAL web site
by tshilhanek@juno.com (Terence J Shilhanek)
- 35) [27118] tube qrp rigs
by charlie <crc@io.com>
- 36) [27119] NN50CIA
by Wayne Alexander <walexander@wwn.net>
- 37) [27120] Tubes
by n4so@juno.com (charles k brown)
- 38) [27121] Qrp tube rigs
by Mike Connor <mikec@primenet.com>
- 39) [27122] Re: Tube QRP Rigs
by Monte Stark <ku7y@sage.dri.edu>
- 40) [27123] Re: Tube QRP Rigs
by Paul Harden <pharden@aoc.nrao.edu>
- 41) [27124] Re: Tube QRP Rigs
by Scott Bauer <ke3nv@erols.com>
- 42) [27125] Re: QRP Afield
by Bob Patten <n4bp@shadow.net>
- 43) [27126] Re: NORCAL web site

by "Ken Hanks" <kennfd@ibm.net>
44) [27127] Tube rig URL
by "Wes Jenson" <n0ihm@starpoint.net>
45) [27128] QRP Afield
by ac5am@juno.com (Robert L Stolzle)
46) [27129] One Tube Rigs
by w8lrm@juno.com (Albert K. Rea)
47) [27130] QRP Afield Report
by William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
48) [27131] Re: Tube QRP Rigs
by Jack Meadows <jackmead@getnet.com>
49) [27132] NN50CIA
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
50) [27133] RE: "Tube" QRP xmtrs..
by Sandy W5TVW <ebjr@worldnet.att.net>
51) [27134] One Tube Rig
by Kr0i2@aol.com
52) [27135] RE: QRP Contest.
by "Thomas J. McCuen" <TMcCuen@compuserve.com>
53) [27136] Re: QRP Afield
by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
54) [27137] QRPTTF
by Joe Spencer <jspencer@startext.net>
55) [27138] Resources about tube qrp rigs &c
by NilsBull@aol.com
56) [27139] qrp-afield
by "ke5tc" <ke5tc@cwis.net>
57) [27140] The demise of CW
by Robert Parks <rob3ert@vegas.infi.net>
58) [27141] Re: Tube QRP Rigs
by Monte Stark <ku7y@sage.dri.edu>
59) [27142] Re: Tube QRP Rigs
by w5hvv@aeneas.net (Rod Fitz-Randolph)
60) [27143] Re: Never too OLD C00T!
by w5hvv@aeneas.net (Rod Fitz-Randolph)
61) [27144] Re: tube qrp rigs
by w5hvv@aeneas.net (Rod Fitz-Randolph)
62) [27145] Re: The demise of CW
by Monte Stark <ku7y@sage.dri.edu>
63) [27146] QRP TTF
by bcutter@teal.csn.net (Bob Cutter)
64) [27147] death of cw?
by jdenison@morelr.com (JOEL DENISON)
65) [27148] Schematics for the HW-8
by Danh Le <dql@slip.net>
66) [27149] FS?: TS-130V & Rem VFO
by Bob Patten <n4bp@shadow.net>
67) [27150] Re: The demise of CW

- by dwayne rich <driehff@worldnet.att.net>
- 68) [27151] 6T9 tube transmitter
by AlK0FRP@aol.com
- 69) [27152] QRP Afield (long)
by Richard Powell <ripowell@mpna.com>
- 70) [27153] QAF '97, Chores and Billiard shots (long)
by Joseph Everhart <n2cx@voicenet.com>
- 71) [27154] ARP Afield Lessons Learned
by Richard Powell <ripowell@mpna.com>
- 72) [27155] QRPTTF - Lotsa fun! (long)
by tahrens1@juno.com
- 73) [27156] QRP Friends
by Bob Hightower <ki7mn@dancris.com>
- 74) [27157] Re: The demise of CW
by Bob Schreibmaier <k3ph@dxis.monroe.pa.us>
- 75) [27158] Bleating my own horn again: Web Page rewrites up again
by NilsBull@aol.com
- 76) [27159] Re: Fox Schedule Status
by cleveland@usa.net (Phillip "Grover" Cleveland)
- 77) [27160] Re: The demise of CW
by Michael <MichaelN@cycat.com>
- 78) [27161] QF1-A supply voltage?
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 79) [27162] Re: 38s & mtp3055e/ndp4060
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 80) [27163] S-38B schematic
by John Dorson <jdorson@bbs.mpcs.com>
- 81) [27164] QRP Afield from southern MN
by TonyDrumm@ibm.net (Tony Drumm)
- 82) [27165] Re: Tube rig URL <N6EV's Glowbugs Site>
by "Paul Carreiro, N6EV" <carreiro@barepower.net>
- 83) [27166] Help with Transistor Substitutions
by astone@erols.com
- 84) [27167] death of cw?
by Steven Weber <kd1jv@moose.ncia.net>
- 85) [27168] QRP Afield
by Joseph Trombino jr <joebarb@wilmington.net>
- 86) [27169] "demise of CW"
by Joel Malman <malman@BBN.COM>
- 87) [27170] Re: QAF '97, Chores and Billiard shots (long)
by Ken Newman <n2cq@comten.com>
- 88) [27171] Re: Batt Meter & 'test S/W
by dzn1@juno.com (Howard D Rubin)
- 89) [27172] Re: "demise of CW"
by Sandy W5TVW <ebjr@worldnet.att.net>
- 90) [27173] Re: The demise of CW - bah, humbug!
by Bill Meahan <www@wa8tztg.mi.org>
- 91) [27174] QRPTTF

by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
92) [27175] Tnx for ARCI Award
by "Kevin F. Glynn" <KFGlynn@prodigy.net>

Date: Sat, 20 Sep 1997 16:20:52 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: TMcCuen@CompuServe.COM
Cc: qrp-l@Lehigh.EDU
Subject: [27084] Re: QRP Contest.
Message-ID: <199709202320.QAA12835@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:04 PM 9/20/97 -0400, you wrote:
>OK, was it just my bad antenna or where there only 4 other qrp afield
>stations out there.
>(was looking only for other qrp contest stations)
>Anyway , had a few hours of fun.... whats that, 1.3 per hour??
>
>Good thing this is a hobby.
>

I didn't do much better (9 in 6 hours), but had fun. Strong signals out of TX, especially K5ZTY, and did manage to contact N4BP...thanks, Bob for sticking with it and dragging me out of the noise.

Things got a bit complicated when a digital station jumped in on 21.059.2 and blasted away for abt 15 minutes.

Fun, anyway, as usual.

73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.
33.334500N -111.87260W
<http://www.dancris.com/~ki7mn>
WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=6

Date: Sat, 20 Sep 1997 16:27:45 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: n4js@amsat.org

Cc: qrp-1@Lehigh.EDU
Subject: [27085] RE: QRP Contest.
Message-ID: <199709202327.QAA13194@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:35 PM 9/20/97 -0400, you wrote:

>Don't feel bad, I only worked 9.3 of those were in some kind of Washington
>State contest, giving their counties. They were sending "/AF" so I thought it was
>QRP afield. When they didn't give their power/number I asked for a repeat of
>same. They thought I was nuts!

>

>

The 'other' two contests, the Washington Salmon Run and the USAF 50th
Anniversary QSO party had plenty of folks working them. Most of them around
14.050, and not running QRP.

Not much we can do about it, but I got tired of hearing 'CQ WA'.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

33.334500N -111.87260W

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=6

Date: Sat, 20 Sep 1997 16:25:45 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: fmathews@norfolk.infi.net
Cc: qrp-1@Lehigh.EDU
Subject: [27086] Re: Virginia Beach, VA ...Hamfest
Message-ID: <199709202325.QAA13094@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:38 PM 9/20/97 -0400, you wrote:

> No wonder our wonderful little corner of the hobby isn't growing at
>it's full potential....no one is out there making the "newcomer" aware of
>it. I'll bet I could have sold at least 100 ea. of things like 38 specials,
>OHR 100's, Rainbow tuners, Pixie2's, micronaut transmitters, and the like.
>Come on gang...this is neat stuff...especially for the younger folks (the

>future of our hobby) and others on a limited budget. What gives?
>

Maybe each of the clubs, or some individual, ought to get a spot and set up an information booth.....we did this at Tuthill this year, for the first time, and, with the help of ARCI and Norcal, did a booming business..lots of interest, and some (maybe) new recruits.

Norcal provided some 38 Special kits, which we sold out of, ARCI sent Quarterlies, mugs and pins, and we almost sold out of them. The interest is there, but folks need somewhere to see it for themselves.

We had several rigs of different types (brought by members of the club) on display, and they generated a lot of interest. Had we not been there, we might all have been looking for something that wasn't there, because no one was set up to show or sell it.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.

33.334500N -111.87260W

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=6

Date: Sat, 20 Sep 97 16:38:00 PDT
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
To: qrp-l@Lehigh.EDU
Subject: [27087] Inverted-V Angle

Here's a BASIC program that gives the center angle for a center-fed inverted-V assuming the ends are the same distance from the ground.

```
10 REM This program takes the dimensions of a center-
20 REM fed Inverted-V and calculates the center angle.
30 INPUT "Height of the Center of the Inverted-V? ", H
40 INPUT "Overall Length of the Inverted-V? ", L
50 INPUT "Height of the Ends of the Inverted-V? ", E
60 y = H - E
70 x = SQR(L * L / 4 - y * y)
80 theta = 2 * ATN(x / y) * 57.3
90 PRINT "The Angle Between The Wires Is "; theta: PRINT
100 END
```

73, Cecil, W6RCA

Date: Sat, 20 Sep 1997 19:45:49 -0400 (EDT)
From: Mark S Adams <msadams@acsu.buffalo.edu>
To: QRP Fanatics <qrp-l@Lehigh.EDU>
Subject: [27088] Super Afield Test-after changes
Message-ID: <Pine.GS0.3.96.970920192955.11738A-100000@callisto.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang,

After a VERY shaky start and an attempt at running a low/field operation from my backyard, I switched to high/perm and got a SUPER reward. I worked AL7FS, Jim, in AK! That would not have been possible with my hastily erected G5RV. Other notetables worked were JAY-WA5WHN, CRAIG-WB3GCK, KEVIN-N2TO, JESS-N0TFI, and too many others to mention in a short email.

Equipment was SW40/St. Loius Tuner/G5RV, OHR100 for 20/same tuner and ant, then I got serious with the Argo556/OHR SCAF/Loop/B*NUT HF6V/20M XBeam.

Thanks to all for participating and congrats to all of those who stuck it out at 900mW or so, as I did not (-: See you all in ARCI Fall test, SS, Holiday HB, SKN, and especially FYB098 to name a few.

Big Lesson: He who hastily constructs G5RV and expects great results ends up in the basement shack to have fun.

Little Lesson: Knowing I could not make it to one of my favorite /P QTH's I tried backyard field ops. I badly wanted the 8 pts/Q. It was not worth the effort suffering in the shadows of the beam and full wave loop.

72, Mark N2VPK
Member of the Buffalo QRP Connection

Date: Sat, 20 Sep 1997 17:45:36 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [27089] Re: QRP Contest.
Message-ID: <2.2.16.19970920234536.2ec73c6a@popd.ix.netcom.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 16:04 20-09-97 -0400, you wrote:

>OK, was it just my bad antenna or where there only 4 other qrp afield
>stations out there.

Must have been your antenna, Tom.. I stayed home today and worked 20 in a couple of hours on 20m with my attic dipole here nr Denver.. Not nearly as much fun as being out camping, but it's been raining for 2 days.. Yuch..

73 -- Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, ARRL LM, QCWA LM, NCVA--
<http://www.qsl.net/ae0q>

Date: Sat, 20 Sep 1997 16:46:52 -0700
From: Ken Lopez <kjlopez@earthlink.net>
To: ki7mn@dancris.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27090] Re: QRP Contest.
Message-ID: <34245FCB.67D0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I had to work today. I see I didn't miss the Contest of the Century.
But, It would have been fun to try...sigh...

Hope you all had fun.
Cheers,
Ken, N6TZV

Date: Sat, 20 Sep 1997 19:56:00 EDT
From: gerys@juno.com (Gerry Scott)
To: qrp-1@Lehigh.EDU
Subject: [27091] Help/advice
Message-ID: <19970920.195232.4463.3.GERYS@juno.com>

I've been a ham since 1962. After working them all, Id like to go to qrp cw.

Was planning to buy Ten Tec qrp xcvr. Good or bad decision?

Also, my antenna for 20 is good (4el. beam) on 40 have ground mounted trap vertical. Will I find qrp action on 20?

Tks in advance for advice.

73,

Gerry K1NY gerys@juno.com

Date: Sat, 20 Sep 1997 20:11:10 -0400 (EDT)
From: fmathews@norfolk.infi.net (Frank Matthews)
To: acme@bellatlantic.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27092] HW-8
Message-ID: <v01530501b049de985a21@[208.131.170.34]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Craig,

>However, there was one hw-8 in the flea market but the guy wanted too
>much money for it...

I saw it too. The guy over in the far corner? He wanted 150.00 and I offered him 100.00. He countered with 125.00 but I swore I would not go over 100. I too think he was high. It will probably still be there Sunday afternoon and make the trip home with him again. He was also the second owner!

>There was also one guy that was selling a several qrp publications that
>were used but in good condition...

Mmm...didn't see that guy. Sorry I missed him.

I always enjoy meeting qrpers; so drop me a line if you decide to
>attend the frostfest here in Richmond this winter...

When and where?

Sorry I missed you, would have liked to chew the fat with other qrper's too!

Frank

Frank Matthews
Technology Education Department
Oscar F. Smith High School
Chesapeake, VA 23320
fmatthews@norfolk.infi.net
KC4FKX QRP-L #1079 CQC #434 NorCal #2232 AK/QRP #199
Grid Square FM16

Date: Sat, 20 Sep 1997 17:26:25 -0700 (MST)
From: Mike Connor <mikec@primenet.com>
To: Qrp List <qrp-l@Lehigh.EDU>
Subject: [27093] Re: Qrp Contest
Message-ID: <Pine.BSI.3.96.970920171451.12029A-1000000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Greetings from ScQRPion land,

Had a great time in the contest today. Didn't
set the logbook on fire with my number of entries
but had big fun with the ones I did enter.
Worked single band (40M) and was very NOISY.
Thanks to those I worked, and thanks to the
NE gang for sponsoring the contest.:-)

Mike
N07K
AZ ScQRPions

P.S.

FOXHUNT	Get Ready
	Get Ready

Get Ready

Date: Sat, 20 Sep 1997 18:38:29 -0600 (MDT)
From: "Thomas J. Whalen" <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27094] Fun Contest!
Message-ID: <Pine.SUN.3.91.970920182238.20865A-100000@kitsune.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Fellow QRPers! Had a ball today working the QRPTTF! The wx here in Albuquerque was really nasty so I decided to dabble in the contest from home instead of the planned foothill location. Lots of good sigs out there and 20 and 40 sounded fb. Even heard N4BP on 15, but he could not hear me.

Rigs used: OHR Spirit I on 40m at 5w
 Icom 706 on 20 at 5w
 Argo 509 at 3w on 20
 Ant: Inverted Vee's

Total Q's.....30
Oper time.....3 hrs
Loudest signal....NA5N..."Paul ya gotta quit using that VLA antenna..not fair!
Chirp does seem to go away when you use a fresh battery!

Hats off to the under one watter guys.....WE6W,N7CEE,WA6NAE
Next year, the Spudtenna....watch out! Test was a success
yesterday...Results to follow. 72, and see ya next year. Tom WB5QYT

Date: Sat, 20 Sep 1997 20:38:39 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: Chris Cartwright <ccart@erols.com>
Cc: QRP List <qrp-1@Lehigh.EDU>, Mike Czuahajewski <wa8mcq@u1.abs.net>, Bruce Muscolino <w6toy@erols.com>, Scott Rosenfeld <ham@w3eax.umd.edu>, Ernest Gregoire <Gregoire@endor.com>
Subject: [27095] QRP Afield
Message-ID: <Pine.BSI.3.96.970920202620.9691A-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Chris,
I forgot all about it until tonight. I got on for the last hour.
Made 7 contacts on 40 meters at 2 watts. So much for the "Maryland
Milliwatts Team" :^)

22:59 WQ0RP 559 MN 5W, 23:02 W9SUL 559 MN 5W, 23:20 KJ3V 539 AL 4W,
23:26 KD4MSR 339 GA 5W, 23:34 N4BP 559 FL 5W, 23:52 AD4MZ 559 NC 1 W,
23:57 WA4PWP 559 WIS 5W.

I GAVE THEM ALL A 559 MD 2W.

72 ES
QRP DX TU (C) 1986, G. Danny Gingell, K3TKS@abs.net "Danny"
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
QRP ARCI Net Manager and Board of Director Member.

Date: Sat, 20 Sep 1997 19:49:44 -0500
From: w5hvv@aeneas.net (Rod Fitz-Randolph)
To: qrp-1@Lehigh.EDU
Subject: [27096] Tube QRP Rigs
Message-ID: <v01541100b049d42d1f50@[207.203.177.54]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

First, if this message is inappropriate for this reflector, please
let me know. I am a newcomer to the reflector and I am not very
familiar with the topics of discussion and the method of categorizing
the different discussions that take place.

First of all, my bonafides as a ham operator. I achieved 5BDXCC in
less than a year and the Honor Roll in less than 5 years.... all with
high power. Lately, I have been waiting for North Korea to come up on
the bands and frankly, I've just gotten tired of waiting and started to
dream of the upside-down cigar box 2-tube transmitter I made and used
as a novice. I also remembered a single tube regenerative receiver I
made years and years before I became a ham..... with a 117L7/M7 tube
and upon which I heard Argentina on 10 meters. It was a tremendous
thrill which I still remember well even after more than 50 years.

As a result of the above, I recently put together a single tube xmtr
(a 117L7/M7... what else?) and, while it was still breadboarded and

held together only by the soldered tips of the components (and with the tube laying horizontal on the table) started to make contacts. The power output (as measured most imprecisely with a no. 47 pilot light in series with the antenna) is about 1 watt.

I then put it all together in a plastic Radio Shack chassis, connected a 12 volt reed relay (RS 275-233) so that it presented only 12 volts to the key terminals (essentially making it a shockproof AC-DC unit), and my first two contacts on 7040 KHz were New York and Canada (from Jackson, TN). It was a much greater thrill than working Heard Island, or even Amsterdam Island!!!!

Now I know that this is Old Ned to most of you sophisticated kit builders that have graduated way past my ability, but I wanted to find out if there is any interest in simple tube-type transmitters and receivers in the QRP community.... and if there was, is there a particular way in which I could communicate with them without using excess bandwidth and/or bothering anyone else?

Your patience and understanding is greatly appreciated.

Sign me,

An Old Coot that loves to build!

Rod, N5HV
w5hvv@aeneas.net

Date: Sat, 20 Sep 1997 17:25:13 -0700
From: rwright@soml.com (Robert Wright)
To: qrp-l@Lehigh.EDU
Subject: [27097] Vanity Gate 3 Slammed?
Message-ID: <199709210026.RAA09192@sub.sonic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Gang:

Does anyone know what has happened re Gate 3 callsign releases? FCC FTP site for last coupla days has no vanity reassignments, and only a small number of applications processed so far... The FCC phone line hangs up or just rings forever to check on callsigns... mebbe the poor single FCC

processor went home sick?

Re QRP: Has anyone purchased the 'new' anodized enclosure for the 38 Special from KE6RIE in San Luis Obispo, CA? Any comments from the group?

Bob WB7CNJ

```

                                     \\|//
                                     (o  o)
-----o00---( )---00o-----
Robert R. Wright, M.D.      Santa Rosa, CA      WB7CNJ      CM88p1
QRP-L #333   Norcal #201   MARCO #837   QRP-ARCI #8382   RCMA CASN-022
Life Member ARRL, AMSAT, NRA, WorldRadio   email:rwright@soml.com
-----
''I would rather be attacked than unnoticed.  For the worst thing you can do
to an author is to be silent as to his works.'' - Samuel Johnson

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-----
Date: Sat, 20 Sep 1997 18:09:42 -0700
From: w_hill@ns.net (Ward Hill)
To: bowles@cmf.org
Cc: qrp-l@Lehigh.EDU
Subject: [27098] QRP Afield Score
Message-ID: <v01540b00b04a13031546@[204.119.242.126]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

```

Here is my entry for the QRP Afield.

I was limited to 40 mts and the band was not the best. However, I still havd a great time. Almost as much fun as Field Day.

QSOs with:
KF6GUH, CA
KF6DRN
KE6WAR
W6HEA
KC6T
WB6LMA, OR
WF6W
KN6YO
N7AWF, WA
W6SIY

Power level 2 watts from my 40A/SLV/MMA. Portable at Brown Elementary School, Roseville, Ca.

10 QSOs X 4 points/QSO X 3 states = 120 points.

72/73 es TNX FER FB FUN,

Ward Hill - WA6FUH

w_hill@ns.net Life Member ARRL 10-10 #27139 QRP-L #1117 AK/QRP #249

Engineer @
Channel 3 KCRA (NBC) &
Channel 58 KQCA (UPN soon to be the WB), Sacramento, California

Date: Sat, 20 Sep 1997 21:10:51 -0400
From: "Kevin F. Glynn" <KFGlynn@prodigy.net>
To: <TMcCuen@CompuServe.COM>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [27099] Re: QRP Contest.
Message-ID: <199709210108.VAA130824@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Tom,

Well it was tough going in Brooklyn today. Keeping away from the rain, QSB
and poor band conditions.

72 Kevin N2TO
kfglynn@prodigy.net

Date: Sat, 20 Sep 1997 19:55:48 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [27100] QRpTTF Or how I spent all of my 30 spare minutes.
Message-ID: <34247EA4.3146@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

I did not spend much more than about 30 minutes on the test. I called CQ and got answered everytime.

14.060 giver er take.

N2VPK 559 NY

VE3OM 569 ON

AC5AM 559 LA

KC4gky 599 FL

AF5G 589 TX

K7ZL 599 WA

AE4VQ 599 KY

This was a 15 minute run in between parts runs and does not even include all of the others that I talked to that were not in the test or were running in another test. Seems to me that the bands were in great shape for me to get that many good reports from all over the US.

Antenna was a Gap Titan and rig was Kenwood TS140 at 5 watts.

Did not have hardly any time as I was stuck with a whole weekend of honey doos but will try to get on the air later today 00:00-??:??.

Thought the band was in good shape, did not try the higher bands at all...

Best

Jess N0TFI

Date: Sat, 20 Sep 1997 17:53:32 +0000

From: flyer@hooked.net

To: qrp-l@Lehigh.EDU

Subject: [27101] Tnx 4 Hlp on Code Practice ?

Message-ID: <199709210152.SAA00932@mom.hooked.net>

My sincere thanks to all who responded, both publicly and privately, to my plea for help on getting my code speed back up. I even got a couple of shareware files of code practice programs to try. I am very encouraged. I would go so far as to say I am very excited at the prospect of getting back into CW operation. So excited that I ordered a License Manual and a couple of QRP books from the ARRL website.

You QRP-L folks make it sound just as I remember it.

Now, if I could just find that 50 year old Vibroplex (the one with the solder wrapped around the weight bar to slow it down) I would be back in business. It has to be somewhere around the house.

Thank you all, again.

Mark

Date: Sat, 20 Sep 1997 21:15:10 -0500
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>
To: qrp-1@Lehigh.EDU
Subject: [27102] QRP AFIELD
Message-ID: <3424832E.1764@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy from Texas Y'all...

Well things did not get going as well as expected. Murphy came by for a visit! Finally got on the air about noon local. 40 meters mid day was not very good from Possum Hollow. 20 meters was up and down. One minute nothing, the next QRM from every where. Had a great time and I was impressed by the big signals from so many <1 watters. Managed 110Q's, 31SPC's, running 5watts from the field. Total score 13,640 was not as good as last year but it sure was fun!

CU---OJ---K10J

..

OWEN'OJ'QUARLES <k1oj@swbell.net>
HOUSTON, TEXAS QRP-L #732
ARCI #9492 AR QRP #64 CQC #476
CW OR CB, ITS YOUR CHOICE!

Date: Sat, 20 Sep 1997 19:35:10 -0700
From: Ken Lopez <kjlopez@earthlink.net>
To: w5hvv@aeneas.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27103] Re: Tube QRP Rigs
Message-ID: <342487FB.1621@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hey old Coot,

My first QRP experience was with a single 6L6 rig and a Heathkit tube receiver that I built. A real thrill to work VK, ZL, Alaska, Hawaii, and the East Coast!

I have some parts I'm saving for just such a rig. I have not decided on a particular design.

I'm interested. Any others?

Ken, N6TZV

Date: Sat, 20 Sep 1997 21:43:56 -0500 (CDT)
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [27104] QRP Afield
Message-ID: <Pine.OSF.3.96.970920211624.22139C-100000@moe.cc.utexas.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey gang,

I had too many honey-do's to actively operate this contest, but managed to sneak in a few contacts between projects. Worked 6 stations, mowed the lawn, worked 8 stations, cleaned the garage, worked one station, went shopping, worked 6 stations, washed the car, worked two stations, headed for the lake.

Propagation seemed short all afternoon. Heard lots of Arizona, New Mexico and Colorado. Minnesota would open up on occasion and I grabbed a few other contacts in Florida, Michigan, Ohio and Utah. I heard one or two North Carolina stations, but they faded before they finished their current contact. Most of the stations I heard, however, were LOUD. They were either boomin' in or I couldn't hear them at all.

All in all, I worked 21 contacts on 20 meters, but only got 9 SPC's. I only worked 2 on 40 (going out the door to the lake).

My apologies to WA7NAE...the only contact I totally lost to QRM and couldn't find again. Let's try it again next contest :-)

Thanks, NE QRP Club, I had a ball and look forward to the next one.

Cheers,

Gary, KJ5VW

P.S. Texans--that underground resonant cavity excavation Chuck's been directing on all his trips to California seems to be working for the Fox season this fall. I didn't hear a single California station all afternoon. Seems all the California RF gets sucked back into the ground. Could be a really good season for Texas this year:-) I am a little worried about all that Arizona riff-raff RF rolling out of their state. It may take another trip to the Davis mountains to re-position our mountain top deflectors. See ya there!

Date: Sat, 20 Sep 1997 19:56:59 +0000
From: Roger Hightower <n7kt@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [27105] QRP Afield
Message-ID: <34242A8B.75BA@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, this was a good one. Lots of action on 20...I never did get around to trying 40, and the OHR-400 won't go to 15.

Murphy showed up, as always. This time he forgot to put the headset in the box....the good ones, anyway. Found an old RS type that folds up, but it had a 1/8" stereo plug. OK, cut the cable, strip, twist wires together, crimp some little 'gator clips on, and voila! Just open the lid on the SCAF and clip the phones to the jack terminals. Lemme tell you, those "in the ear" type headsets are not for more than casual use. Felt like my head was in a vise after four hours, so had to give it up.

First try at QRPP with 950 mW. Landed 39 Q's and 19 SPC's from the field, for a score of 5,928. Lots of fun, but had to call one qso "busted" when he wouldn't give me his spc or power. WY, too. I 'did' manage to keep the string unbroken by working Jim, AL7FS on 20M.

Boomers: N4BP Bob...579 or better every time I heard him after I worked him (#2). K10J always strong and racking them up. K5ZTY with a great signal. Lots of familiar calls, but I've missed AA7QU the last couple

of tests. Can't wait until spring for QTTF.

Great fun. 72 to all.

--

72/73, de Roger, N7KT

AK-QRP 167, ARCI 8946, CQC 176, GQRP 9081, NE-QRP 383, NORCAL 1099,
QRP-L 62

Date: Sat, 20 Sep 1997 23:08:22 -0400 (EDT)
From: ALK0FRP@aol.com
To: QRP-L@Lehigh.EDU
Subject: [27106] QRP TTF K0FRP
Message-ID: <970920230820_-900397225@emout19.mail.aol.com>

Gang

Did abt 1 1/2 to 2 hrs at the beginning of the contest.
My son a Senior in High School had a Football game plus my 13 yr old daughter
at half time in JR Pom Pom girls from 2100z to 2330z got 1/2 hour in
before the end.
Had 64 Q's 26 sections 20m only . at 950mw. Good signal from a couple of
900 and 999mw stations.
Kids come before QRP.

AL K0FRP

Date: Sat, 20 Sep 1997 20:08:02 -0700
From: Robert Bayha <rbayha@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [27107] Re: Tube QRP Rigs
Message-ID: <34248F92.1391BE74@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod(you old coot).... Welcome to the qrp-l reflector!

Rod Fitz-Randolph wrote:

>
> First, if this message is inappropriate for this reflector, please
> let me know. I am a newcomer to the reflector and I am not very
> familiar with the topics of discussion and the method of categorizing
> the different discussions that take place.
>
> First of all, my bonafides as a ham operator. I achieved 5BDXCC in
> less than a year and the Honor Roll in less than 5 years.... all with
> high power. Lately, I have been waiting for North Korea to come up on
> the bands and frankly, I've just gotten tired of waiting and started to
> dream of the upside-down cigar box 2-tube transmitter I made and used
> as a novice. I also remembered a single tube regenerative receiver I
> made years and years before I became a ham..... with a 117L7/M7 tube
> and upon which I heard Argentina on 10 meters. It was a tremendous
> thrill which I still remember well even after more than 50 years.
>
> As a result of the above, I recently put together a single tube xmtr
> (a 117L7/M7... what else?) and, while it was still breadboarded and
> held together only by the soldered tips of the components (and with
> the tube laying horizontal on the table) started to make contacts.
> The power output (as measured most imprecisely with a no. 47 pilot
> light in series with the antenna) is about 1 watt.
>
> I then put it all together in a plastic Radio Shack chassis, connected
> a 12 volt reed relay (RS 275-233) so that it presented only 12 volts to
> the key terminals (essentially making it a shockproof AC-DC unit), and
> my first two contacts on 7040 KHz were New York and Canada (from
> Jackson, TN). It was a much greater thrill than working Heard Island,
> or even Amsterdam Island!!!!
>
> Now I know that this is Old Ned to most of you sophisticated kit builders
> that have graduated way past my ability, but I wanted to find out if
> there is any interest in simple tube-type transmitters and receivers in
> the QRP community.... and if there was, is there a particular way in
> which I could communicate with them without using excess bandwidth and/or
> bothering anyone else?
>
> Your patience and understanding is greatly appreciated.
>
> Sign me,
>
> An Old Coot that loves to build!
>
> Rod, N5HV
> w5hvv@aeneas.net

Date: Sat, 20 Sep 1997 23:09:23 -0400 (EDT)
From: Robert Parks <rob3ert@vegas.infi.net>
To: w5hvv@aeneas.net
Cc: qrp-1@Lehigh.EDU
Subject: [27108] Re: Tube QRP Rigs
Message-ID: <199709210309.XAA04110@fh102.infi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rod,

Message is certainly NOT inappropriate! In fact, there was a thread on here a few months ago about 1-tube qrp transmitters; I believe that someone put circuits on their Web page of the xmtrs using 117L7's or 50L6's.

My fondest on-the-air memory is of a contact I made, about 45 years ago, between Michigan (I was W8HFT then) and California one winters night, using a 6AG7 xtal controlled one-tuber putting out less than 5 watts into a random long-wire about 100 ft. long and about 12 feet off the ground, on 80 meters. What a thrill! Today's QRP work is similar in feeling, at least to me.

You may well get some "flames"; can't seem to please everyone! Don't worry about it. Most of us will be very interested.

Regards es 72/73

(Another old coot!)
Bob Parks
K6AEC (Las Vegas)

At 07:49 PM 9/20/97 -0500, you wrote:

>First, if this message is inappropriate for this reflector, please
>let me know. I am a newcomer to the reflector and I am not very
>familiar with the topics of discussion and the method of categorizing
>the different discussions that take place.

>

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>dream of the upside-down cigar box 2-tube transmitter I made and used
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>
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>
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>there is any interest in simple tube-type transmitters and receivers in
>the QRP community.... and if there was, is there a particular way in
>which I could communicate with them without using excess bandwidth and/or
>bothering anyone else?
>
>Your patience and understanding is greatly appreciated.
>
>Sign me,
>
>An Old Coot that loves to build!
>
>Rod, N5HV
>w5hvv@aeneas.net
>
>
>
>
>

Date: Sat, 20 Sep 1997 23:30:24 -0400 (EDT)
From: LynnSimons@aol.com
To: whalen@swcp.com, qrp-1@Lehigh.EDU
Subject: [27109] Re: Fun Contest!
Message-ID: <970920232954_-1565559332@emout11.mail.aol.com>

Hey Guys,

Had a wonderful time working the QRP TTF contest. Was my first one of these. I was on second call at the local hospital so could not venture out so made do with my HW-9 on 20 M at 4 watts with a dipole antenna and the Index Labs QRP Plus at 4 watts out on 40 M with an inverted vee. Was able to work 41 stations with 6 of them from NM. Ended up working 21 states!

Many great signals under 1 watt. My congratulations to you guys! I will be sure to be in on the next one of these and hopefully won't be on call so I can get out to woods for a little more fun.

Hope all had a great time.

72/73

Lynn, KJ3V

Date: Sat, 20 Sep 1997 21:35:19 -0600 (MDT)
From: "Thomas J. Whalen" <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27110] Spud gun results
Message-ID: <Pine.SUN.3.91.970920211243.3616A-1000000@kitsune.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Fellow QRPers, sure was a great contest but my only regret was the wx here in Albuq. Sort of rainy and windy day. Not the Riley kind of wind, but still too hard for a kite and it would have been cold up in the foothills.

Yesterday, number 2 son and I went up to the mountains to fish, and of course we never do catch any. Darn state just doesn't stock enough!! I threw the pole down in discust and sat staring at the pretty mountains. Soon a big pine came into view....then the pole....then the Spuddr'.....What a site to behold. I couldn't decide if I should take off one of my socks for the first experiment or not. Decided not too cuz I didn't want my toes to get cold if the spud blew a hole in it! Having limited materials to use, I just decided to tie the 6lb monofil to the spud. Made about 4 or 5 turns on the spud, slightly tight and then finished it with a knot. Shove the spud into the firing chamber, guessing that about 6 inches would be good. READY, AIM and FIREEEEEEE! Darn, thing came out of the tube but only went up about 50'!! Got to do better than that. Trees in the Jemez are up to 100' high. At least the mono held onto the spud ok, and so I took the same used spud and loaded for shot two! This time put spud in a full foot. READY, AIM and FIREEEEE!

Off it went over the 100' tree and down the other side!!! Success is at hand, and now to find what I thought was left of the lil fry. I started to look up into the tree for it, thinking it probably got hung up. Where in the world did it go?? I looked down on the ground and saw the spud still dangling from the line! I was very pleased at this point! Two shots and looking like it was going to work. Tried a 3rd and 4th shot. All good shots. This thing works great for launching antlers into trees or tall buildings with a single bound!!

What I have learned from this:

1. Spud travel is determined, not by the amount of fuel, but how far you shove the spud into the tube. It looks like it roughly equals 10' per inch.
2. I figured that the line would have cut the spud, but it does not.
3. More accurate than the slingshot method, but louder.

Sure had a good time, and will continue to do more experiments and keep posted. 72, Tom WB5QYT.." Have spud will travel!"

Date: Sat, 20 Sep 1997 23:39:13 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [27111] QRP and ARRL, plus QRP Afield
Message-ID: <Pine.LNX.3.95.970920232929.824C-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Seems to me that people have indicated that many QRPers don't belong to the ARRL. They state that QST doesn't contain many articles about QRP.

In the recent past, the league has started to publish a fair number of QRP- and construction-related articles. Admittedly, the internal politics at the league may be messed up in certain ways, BUT

WE MUST remember that we are HAMS first, for without ham radio there'd be no QRP.

The league is THE VOICE OF HAM RADIO in the U.S. congress and elsewhere. Other services are perpetually trying to purchase the band segments we're able to use free of charge. And why not? Congress seems to get a rise out of auctioning off band segments to the highest bidder...

Even if you don't read QST, it is important to remember that the ARRL is a STRONG proponent of ham radio in the US. Their membership fights the "evil forces" that would destroy ham radio if left unchecked.

If you're not a league member, please consider joining. It's important for the future of QRP, in a roundabout but very real way.

QRP Afield was TERRIBLE. Conditions, to be quite plain, just REEKED here in MD. 20m was terrible, as the Solar Flux was down to 88. 40m wasn't much better, although we (KD3FG, N3XRV, and I) did manage a few Q's into Ohio, Massachusetts, Quebec, and Ontario.

We had more visitors (12) than QSOs (8). Fun anyway.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Sat, 20 Sep 1997 20:41:02 -0700
From: w_hill@ns.net (Ward Hill)
To: qrp-l@Lehigh.EDU
Subject: [27112] QRP Afield
Message-ID: <v01540b02b04a478f93ac@[204.119.242.70]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From what I see I need something other than 40 mts for one of these things.

72/73,

Ward Hill - WA6FUH
w_hill@ns.net Life Member ARRL 10-10 #27139 QRP-L #1117 AK/QRP #249

Engineer @
Channel 3 KCRA (NBC) &
Channel 58 KQCA (UPN soon to be the WB), Sacramento, California

Date: Sat, 20 Sep 1997 21:41:59 -0600 (MDT)

From: "Thomas J. Whalen" <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27113] Never too OLD COOT!
Message-ID: <Pine.SUN.3.91.970920213700.4814A-100000@kitsune.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

When I got my novice at the ripe old age of 16 way back in 1968, I needed a xmtr to go with my Night Kit R-100A. (Anyone remem that one?) About that time Popular Electronic mag came out with a one tube xmtr using a 50C5. I built it and had a ball with that rig. Som much so, that after 29 yrs of hamming bliss I decided to built it again. Still have it on the shelf and about once a week it gets fired up and I still love it! 72, Tom WB5QYT... Rig was called the Bare Essentials xmtr....ran off of the 120 main..no xmformer.OUCH!

Date: Sun, 21 Sep 1997 03:42:23 GMT
From: k8cv@juno.com
To: gerys@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [27114] Re: Help/advice
Message-ID: <19970921.034841.8710.10.k8cv@juno.com>

Huh.....with a 4 el beam you will work europe just the same as with a kw . It is great fun. I now have 6 QRP radios up and running. My oldest is an Argonaut 515 that I have put a 500 hz xtal filter in. I have built the Sierra that was on the cover of the 96 handbook. It is easy to construct and is an amazing radio , I put in the digital readout that Wilderness Radio sells (KC-2) and the noise blanker (buzz not) and found both to work great. I got a used Index labs QRP ++ and with some modifications it is now a good radio, easier to switch bands than the sierra but the Sierra has the better receiver. I built an OHR-400 and that is one sweet radio. covers 4 bands and built the digital dial for it also and the scaf audio filter. Nice audio , sounds like a Ten-Tec. I got a used Scout 555 and set it at 5 watts and it is good once you get used to the stiff knob. My last purchase was a used TS-50 and put a cw filter in it as the SSb filter even with the scaf was no good because the agc was being captured by signals in the wide filter pass band. Now works quite good with the filter, SCAFand a small switching power supply I have.

My antennas are a garage mounted trap vertical as a ground plane antenna. I have a 60' tower with a th7dx up there and a boom of plastic 10' pipe under the rotor with a 80m inv vee feed with open wire on one end and a carolina windom on the other end of the boom. The carolina windom picks

up all kinds of power line noise / buzz and i have to leave it disconnected. I'm now 67 yrs and darn joints hurt so much I am afraid to climb any more. Darn..... But it will come down and get replaced with a plain 40m coax fed inv vee. There is an inverted L for 160 up the tower and off to a telephone pole in back yard. and also a new sloper for 30m since the qrp action has heated up on 30m.

I am sure the Ten-tec radio is very good but only covers one band and a small portion at that with the veractor tuning. The filter is a wee bit wide at 1k . In the same price range is the OHR-100 and would get that if Dick has any more left. Most of the night activity is around 7.040 and a good 40 meter rig will get lots of use. The NORCAL 40a is a great single band radio. It is a lot like the Sierra but only one band.

If you really want to build a keeper I would get a Sierra if you can afford it. It get expensive as you add up all the modules but so does the Scout..... :-)

If you need names and address of these places drop me another line and I will look them up. There was a nice article / review in qst last year or early this year on 5 qrp rigs.

Walt K8CV k8cv@juno.com

Date: Sat, 20 Sep 1997 21:58:07 -0600
From: wa5whn@juno.com
To: qrp-l@lehigh.edu
Cc: w5bi@flash.net, dandj@nmia.com, bowles@cmf.org
Subject: [27115] QRP AField/dodging electrical storms & surfing the air waves.
(long)
Message-ID: <19970920.215811.2654.0.wa5whn@juno.com>

Whew, when's the next one ? That was fun.

W5BI & I had driven out to the site (DM73ew, elevation 6,566 feet) on Friday afternoon, stopping at a ghost town school off of Highway 60, just west of Abo, NM. We were trying to figure out what a structure, that was elevated (terraced), with wooden doors, and basins, doing in the back of a school. It almost resembles a sluice. Anyway, we had headed down to the site, via Highway 55, through Claunch, NM, then over to Ancho, to head for Forest Road 72. We had driven through some very beautiful parts of the Jicarilla National Forest (Hoecradle Canyon, Little Nugget Gulch). This is "gold" country, or it was in the late 1800's.

We had set up base camp in the evening and had enjoyed some hot dogs roasted over an open flame. We had talked about hiking up the ridge, and tossing a few wires down the side of the cliff. Off in the distance, we could see 4 electrical storms. The outside temperature was 60 degrees F, in the evening. We could see one electrical storm coming @ us. So off to the sleeping bags. Sure enough, the first storm had showed up, raining, but the lightning stayed on the west side of the mountain. About 3 hours later, a 2nd storm shows up, and it rains, and we see lots of cloud to cloud lightning. The sky clears & the Milky Way (SW to NE) was very bright. The third storm makes it's presence known by striking a tree about 300 yards away from the both of us. That had got our attention real quick. The lightning had lit up the entire sky in front of us, and it's a good thing my ears were buried in my camping pillow. Gary was 10 yards north of me in his tent. 2 more bolts drop in close, and it starts to pour. Interesting thing, You can hear the sound of the thunder (sonic wave) propagate down the valley. We were both glad that we did not set up the antennas, that prior evening. The temperature (I have a camping thermometer) drops to 50 degrees F, and the wind starts to howl through the trees. Interesting, I can no longer see the mountain. In the morning, visibility has dropped to under 100 yards, and fog covers the mountain, along with us.

We had thought it would be wise not to crawl over the rocks, when they are wet, and stay @ base camp & play with the radios. We had set up the R7000 vertical, in a juniper bush. We had lashed it to the main trunk. Then Gary had placed a 40 meter dipole in the nearby trees, and fired up his GM-40, with his 2.3 amp-hr batteries. I had set out in the elements, under a small tree, watching the sky (actually, the fog drifting by), with my trusty Ten-Tec 556.

40 meters was solid S-9+ QRN (still too many storms nearby). 20 meters was a sweetheart of a band. I was copying solid, the USA East Coast (N2VPK, W2KJ, N2SMH, N2CQ, et al). Even worked 2 Vermont QRP stations too. Even caught AL7FS, Jim, plus I had several nice chats, one with K5JS (Who is from Roswell, NM). I was impressed by AA5TB and his 900 mW (599), W5FN @ 999 mW (OK, Tim, how did You measure that last mW ? ;-)) The confusing part was the Washington State QSO Party, along with the USAF QSO Party. I had to remember the "other" KISS principal. Keep_It_Straight_Stupid. ;-)) I had even worked the infamous K5F0. AF9T had a very nice signal, here, @ 900 mW. The .9 watt crowd was well represented in this contest.

15 meters was open to Florida.

Gary, W5BI had become very sneaky. He knew that I was watching the sky for lightning (listening in the headsets too.) He had used stealth, to sneak up beside me with his camera, with the flash on. The flash had gone off, and I had nearly rocketed out of the chair on to the ground. :-)) I

had thought it was a nearby lightning bolt, and I was about to become one with the Earth.

He had redeemed himself. He had picked up 2 MRE's, to take camping, and they were not bad. Hmmm, I could use that chemical warmer for FYBO '98. I can see it now, for FYBO '98, munching on MREs, and using the food warmer under the paddles. ;-)

Lots of new calls, that I did not recognize, were participating.

I had scanned the log, there were over 75 contacts.

For those who want the "Crash at Roswell" certificate, just drop me a QSL card. Again, if You don't want it folded, send a 9 X 12 inches SASE (2 units of US first class postage).

This was fun.

:-(Now, we have to wait until Feb., '98 for the next outdoor QRP contest.

My thanks to the New England QRP Club & to W1CSB, Chet.

72,...Jay, WA5WHN DM65qd Albuquerque, NM USA

Date: Sun, 21 Sep 1997 00:13:55 -0400
From: dwayne rich <dritchff@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [27116] QRP Projects
Message-ID: <34249F03.7132@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok guys I am studying to try and upgrrade to general from my tech plus license. I am curious as to what would be a good qrp rig to build that is fairly small,light and doesn't use alot of power. I also would like recommendations on keyers and keys to go along with the qrp rig that are also small,light,and use very little power but is still a very good keyer/key setup. I am planning on hiking the AT and would like to build one to take with me. I have down a couple hundred miles on the AT but without a radio. Al recommendations would be greatly appreciated.

Dwayne Rich
KC4ADW

Date: Sun, 21 Sep 1997 00:24:54 EDT
From: tshilhanek@juno.com (Terence J Shilhanek)
To: qrp-l@Lehigh.EDU
Subject: [27117] NOCAL web site
Message-ID: <19970920.232309.4199.0.tshilhanek@juno.com>

I would like some information
on how to get on NOCAL web site.
Thanks
Terry
WOPFR

Date: Sat, 20 Sep 1997 23:39:55 -0500
From: charlie <crc@io.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [27118] tube qrp rigs
Message-ID: <3424A51B.39F6@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Back in the 60's I thought a 6L6 was QRO I built several bread board 6L6
rigs and melted down more than one of them before I managed to build a
linear of 2 807's for super power. Maybe us old coots need to build a few
tube qrp rigs , any one got plans for one using acorn tubes, and a source
for the old tubes ?

--
charlie crouchet WA5KRF I love cats
qrp-l #1207 they taste just like chicken
a-qrp #7

Date: Sat, 20 Sep 1997 23:54:45 -0500
From: Wayne Alexander <walexander@wwn.net>
To: qrp-l@lehigh.edu
Subject: [27119] NN50CIA
Message-ID: <3.0.3.32.19970920235445.006be19c@pop.wwn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does anyone have the QSL address for this call.
Thanks in advance.
KB0PTE
Wayne

Date: Sun, 21 Sep 1997 01:45:58 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [27120] Tubes
Message-ID: <19970920.124258.8231.2.n4so@juno.com>

Sources for tubes, parts , books, supplies.
A 6L6 tube is 16.60 and 6L6G tube is 25.00

Antique Electronic Supply
6221 S. Maple Ave.
Tempe, AZ 85283
602- 820-5411
800-706-6789
free catalog
nnnn

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Sat, 20 Sep 1997 23:00:04 -0700 (MST)
From: Mike Connor <mikec@primenet.com>
To: Qrp List <qrp-l@Lehigh.EDU>
Subject: [27121] Qrp tube rigs
Message-ID: <Pine.BSI.3.96.970920225759.3480A-100000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
For all you guys wondering about qrp tube rigs;

Check it out-

<http://www.mnsinc.com/bry/vintage.htm>

Mike
N07K
AZ ScQRPions

Date: Sat, 20 Sep 1997 23:00:12 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Rod Fitz-Randolph <w5hvv@aeneas.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27122] Re: Tube QRP Rigs
Message-ID: <Pine.SUN.3.90.970920225806.26500C-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Rod,

Old Coot test.....

Remember the old metal JAN 6L6's??

Remember running a little to "hot"??

Remember running them upside down sticking in a can of water for cooling??

If you do, you'r an old coot!! :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 21 Sep 1997 00:30:07 -0600
From: Paul Harden <pharden@aoc.nrao.edu>
To: ku7y@sage.dri.edu
Cc: qrp-l@Lehigh.EDU

Subject: [27123] Re: Tube QRP Rigs
Message-ID: <199709210630.AAA17793@zia.aoc.nrao.edu>

Ron,
Never used the metal 6L6's ... if you couldn't see them things
glow, well it just wasn't real electronics -hi. Just about everything
I built in those days was also regulated at 115vdc ... just so I could
use one of them OA3 regulator tubes. They glowed real nice!

Must admit -- there's a chunk of romance missing with solid state.

72, Paul NA5N

Date: Sun, 21 Sep 1997 02:51:15 -0400
From: Scott Bauer <ke3nv@erols.com>
To: pharden@aoc.nrao.edu, qrp-1@Lehigh.EDU
Subject: [27124] Re: Tube QRP Rigs
Message-ID: <199709210651.CAA25175@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

oK,

Nice thread on tube rigs. I want one! I challenge any
of the QRP kit suppliers to design and kit a tube rig.
I will be number one on your list of orders!

Come on.. Whad da ya say? Could this be the next Nor
Cal kit? I dont think so, but it would be nice ;-))

Scott

At 12:30 AM 9/21/97 -0600, you wrote:

>Ron,

>Never used the metal 6L6's ... if you couldn't see them things
>glow, well it just wasn't real electronics -hi. Just about everything
>I built in those days was also regulated at 115vdc ... just so I could
>use one of them OA3 regulator tubes. They glowed real nice!

>

>Must admit -- there's a chunk of romance missing with solid state.

>

>72, Paul NA5N

>

>

>

Date: Sun, 21 Sep 1997 06:36:58 -0500
From: "Wes Jenson" <n0ihm@starpoinet.net>
To: "QRP-L list" <qrp-l@Lehigh.EDU>
Subject: [27127] Tube rig URL
Message-ID: <199709211135.GAA28847@info.starpoinet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

In regards to tube rigs, I *had* a bookmark for the Glowbugs URL.....but
couldn't find it for the *old coot*.it wouldn't connect last night for
me.....belongs to N6EV I believe.
Did it change?? Or is it me??? (Remember, change is good....you give it to
your grand kids)

Wes, N IHM qrp-l 566

Date: Sun, 21 Sep 1997 07:26:42 -0500
From: ac5am@juno.com (Robert L Stolzle)
To: qrp-l@lehigh.edu
Subject: [27128] QRP Afield
Message-ID: <19970921.072652.3582.0.ac5am@juno.com>

Hello QRP Afielders,

Was unable to go TTF this year (job situation).

Had fun from the home QTH running 1W using a 3 el yagi on 20m and a
dipole on 40m.

Had 63 QSO's 26 states..... Called CQ but did not hear a thing on
15m.

Sure did want to work W7LMA in OR but was unable to hear him calling CQ.
Heard him answer
others a few times.

Many very good and some even strong signals from the many stations below
1WGREAT job!!.

WB3AAL, .9W... K0FRP, 950mw (right on A1, kids before QRP anytime)...
WA6NAE, .9W...
N7CEE, 950mw... W5FN, 990mw... WA4AAK, 1W (on 40m too..nice job)...

VE3OM, 1W...

some 2W also K7GS, 2W... AB7TK, 2W

I am sure there were others that gave out N.E. #'s instead of pwr out.

Nice going...

Spent more time looking for the weaker stations. Made the contest more interesting for me.

Sure did my QRP pickin heart good to hear all those at QRP power levels.

Hey... this QRP(p) hobby is catching on....

Will be lookin fer y'all on the bands... pls ck in the AR QRP net Tue. on 40M, 0030Z, 7042,43.

72/73, Bob AC5AM NE #504

Date: Sun, 21 Sep 1997 08:37:24 edt

From: w8lrm@juno.com (Albert K. Rea)

To: qrp-1@Lehigh.EDU

Subject: [27129] One Tube Rigs

Message-ID: <19970921.093028.6615.0.w8lrm@juno.com>

Guess I must be an old Coot. My first transmitter was a # 27 tube xtal oscillator

with the power xfmr from an old BC reciever (about 250v on the plate). It fed a 135 ft

long wire. The reciever was a Hallicrafters S-9.

Searching the Hamfests a year or so ago for 7040 xtals, I found one and asked if the chap would sell it. His reply was that he would sell it for a dollar but I had to take the 1-tube transmitter it was attached to. Wow, a 6AQ5 transmitter (self contained power supply and all). Still have it here and it works. Wish I still had that old # 27 rig. Guess that would make a good winter project.

On a different note, is there anyone out there that has old call books from the 40s and 50s. I am researching the membership of an old High School radio club. Since I only have names, I need to do a line by line search of the 8th area calls to find some of the fellows that were in the club. I managed to find a 1939 call book recently but now need to follow up into the 40s and 50s to complete the list. I have a list of 170 names of which I have accounted for about 50.

72.....de.....

Al W8LRM
St Joseph, Michigan
on Michigans Sunset Coast

Date: Sun, 21 Sep 1997 09:48:22 -0400 (EDT)
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
To: qrp-1@lehigh.edu (qrp-1), seorat@qsl.net (Southeast Ohio Radio Adventure Team)
Subject: [27130] QRP Afield Report
Message-ID: <199709211348.JAA25596@oucsace.cs.ohiou.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

NE QRP Afield 1997

Southeast Ohio Radio Adventure Team

Two members of the SE Ohio Radio Adventure Team participated in the NE QRP Afield contest from Highland Park in Athens OH using the callsign WD8RIF. I (Eric, WD8RIF) was to arrive first, to met by Mike, AA8EB, later.

I arrived on site about 1900z to find the park overrun with young children attending a birthday party which occupied the shelter house. Undaunted--well, not very daunted--I threw a line over a tree far from the shelter house, hoisted up the 20m dipole, and set up the QRP+ station on a lawn chair I had brought. Sitting in another lawn chair, holding the paddle and log in my lap, I started making QSOs about 2005z and had a good run for about an hour.

During this good run, the weather became more and more threatening, and it got colder and windier. By 2108z I had worked about all the 20m stations I could hear and my CQs were going unanswered, so I decided to switch to 40m. I dropped the 20m dipole intending to pull the 40m dipole up on the same tree, and suddenly realized that the birthday party was over and I was alone at the park--the shelter was available. While I attempted to throw a line over a tree near the shelter, the wind really picked up and the clouds got scary, so I packed everything up, just in case the skies opened, and waited for Mike's to arrive or to call on the repeater.

Mike arrived about 2200z, and while we discussed whether to brave the elements, the sky cleared, the sun came out, and the wind died. We quickly erected the 40m dipole, and set up the QRP+ in

the station house. We worked 40m CW until 2346z, at which time we were almost literally chased away from the key by the mosquitoes.

In all, we made 39 QSOs: 13 on 20m and 26 on 40m. I made all the QSOs but one. Stations were worked in FL, TX (8!), NM, OK, CO, NY, AL, MN, NJ, MO, AR, MI, GA, IA, NC, and MA.

This was a very fun event, and I look forward to next year!

Score:

Number of QSOs : 39
points/QSO : 4 (field location using high power QRP)
multiplier : 18 (States/Provinces/Countries)
--
Total : 2808 points

Station: Index Lab's QRP+ at 5 watts
10Ah gel cell
Idiom Press Super CMOS II keyer
Whiterook paddle
20m dipole
40m dipole

--

W. Eric McFadden WD8RIF Athens OH
wd8rif@qsl.net
<http://www.qsl.net/wd8rif>

Date: Sun, 21 Sep 1997 06:53:05 -0700 (MST)
From: Jack Meadows <jackmead@getnet.com>
To: Rod Fitz-Randolph <w5hvv@aeneas.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27131] Re: Tube QRP Rigs
Message-ID: <Pine.BSI.3.93.970921064901.10183A-100000@gn2.getnet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Rod!

There is the glowbugs reflector that has one tuber stuff.
Also, I find alot of one tubers on 7050 khz. Many are QRP, less than five watts. Maybe I will see you there with my 6DQ6 glowbug!

Best regards,
Jack W7QQQ

On
Sat, 20 Sep 1997, Rod Fitz-Randolph wrote:

> First, if this message is inappropriate for this reflector, please
> let me know. I am a newcomer to the reflector and I am not very
> familiar with the topics of discussion and the method of categorizing
> the different discussions that take place.
>
> First of all, my bonafides as a ham operator. I achieved 5BDXCC in
> less than a year and the Honor Roll in less than 5 years.... all with
> high power. Lately, I have been waiting for North Korea to come up on
> the bands and frankly, I've just gotten tired of waiting and started to
> dream of the upside-down cigar box 2-tube transmitter I made and used
> as a novice. I also remembered a single tube regenerative receiver I
> made years and years before I became a ham..... with a 117L7/M7 tube
> and upon which I heard Argentina on 10 meters. It was a tremendous
> thrill which I still remember well even after more than 50 years.
>
> As a result of the above, I recently put together a single tube xmtr
> (a 117L7/M7... what else?) and, while it was still breadboarded and
> held together only by the soldered tips of the components (and with
> the tube laying horizontal on the table) started to make contacts.
> The power output (as measured most imprecisely with a no. 47 pilot
> light in series with the antenna) is about 1 watt.
>
> I then put it all together in a plastic Radio Shack chassis, connected
> a 12 volt reed relay (RS 275-233) so that it presented only 12 volts to
> the key terminals (essentially making it a shockproof AC-DC unit), and
> my first two contacts on 7040 KHz were New York and Canada (from
> Jackson, TN). It was a much greater thrill than working Heard Island,
> or even Amsterdam Island!!!!
>
> Now I know that this is Old Ned to most of you sophisticated kit builders
> that have graduated way past my ability, but I wanted to find out if
> there is any interest in simple tube-type transmitters and receivers in
> the QRP community.... and if there was, is there a particular way in
> which I could communicate with them without using excess bandwidth and/or
> bothering anyone else?
>
> Your patience and understanding is greatly appreciated.
>
> Sign me,
>

> An Old Coot that loves to build!
>
> Rod, N5HV
> w5hvv@aeneas.net
>
>
>
>
>

Date: Sun, 21 Sep 1997 09:51:40 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:walexander@wwn.net" <walexander@wwn.net>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.EDU>
Subject: [27132] NN50CIA
Message-ID: <199709210954_MC2-2148-9941@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Wayne:

Routing is via Mary KB4EFP

Mary L. Blasdell
9727 Loudoun Ave
Manassas, VA 20109

GL es 72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 mn-qrp 19 nj-qrp 69 ak/qrp 139
AR QRP 73 ARCI 9398 ARRL WAS 48/38 DXCC 50/40 <><

OMNI VI Sierra Argosy 525 Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles MFJ 259 MFJ 941D GAP TNT/2 Windom SLV/W6MMA
G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Sun, 21 Sep 1997 13:58:08 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [27133] RE: "Tube" QRP xmtrs..
Message-ID: <19970921135806.AAA29012@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello gang,

My favorite is the old Jones push-pull oscillator. It is very simple and easy on crystals. The original used a single '53 or a 6A6 tube. (dual triode) You could just as easily use a 6N7 or just about any pair of triodes or dual triodes. The 12AX7 should even work OK.

If you are interested in a one tuber that sounds fairly decent and the tube is still fairly cheap, consider the "6T9'er". It appeared in several of the ARRL handbooks. The "compactron" triode/pentode is used as an oscillator/final two stage rig and will deliver about 3-4 watts out. If you are a neophyte builder of "hollow state" equipment, this would be my recommendation. Even with this, you could substitute two common tubes like the 6C4 and the 6AQ5 or... if you like octal tubes, the 6J5 and the 6V6. The "name of the game" is to use whatever your junkbox yields or whatever you can scrounge!

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

Date: Sun, 21 Sep 1997 10:21:56 -0400 (EDT)
From: Kr0i2@aol.com
To: qrp-l@lehigh.edu
Subject: [27134] One Tube Rig
Message-ID: <970921095731_1652242885@emout11.mail.aol.com>

Hi Gang,

All this talk of the old 6L6, etc. rigs started me looking in the bottom of the old junk boxex. Lo and behold! Found a couple of treasures that just may persuade me to put

a one-tuber together again. Uncovered a slightly dirty pair of CRYSTEK crystals for 7.040 and 7.060 that haven't been "excited" in many, many years. Also found several that were used on harmonics for some other rig that now slips my memory (like most everything else these days). Now to see if I can find the rest of the parts.....
72/73 de Mac, KR0I QRP ARCI 3227

Date: Sun, 21 Sep 1997 10:30:53 -0400
From: "Thomas J.McCuen" <TMcCuen@compuserve.com>
To: "INTERNET:n4js@amsat.org" <n4js@amsat.org>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [27135] RE: QRP Contest.
Message-ID: <199709211031_MC2-2137-1E7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

>>>>>>>> The were sending "/AF" so I thought it was
QRP afield. When they didn't give their power/number I asked for a repeat=
of
same. They thought I was nuts!
>>>>>>>>

Had the same ,.... Actually had a couple of qso's with them. In all abt=
5
additional (plus the 4 qrp/qrp) contacts that were just answering the CQ=
QRP AF .
Also worked the novice section for a while at 7.11..... No QRP AF but
managed to work a Submarine (museum station) out of Cleveland OH. Does i=
t
count ??? :)

I started early and 40m didn't seem to good, 30m was jumpy.... But , lik=
e
I said, I had a good time and that's what counts!

73
Tom

Date: Sun, 21 Sep 1997 09:36:53 -0500
From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)
To: qrp-1@Lehigh.EDU
Subject: [27136] Re: QRP Afield
Message-ID: <v01540b00b04ad9150035@[207.193.33.73]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

Managed to work a few hours of QRP afield from my "remote" garage shack (heated in summer, cooled in winter...). 20M was not too bad but 40M was PACKED with signals. Several contests were going at once, so I had to pay attention to who I worked! ;) Only 19 contacts made but in 14 different states. WA6NAE was the only milliwatter I snagged. I lost one portable (WA0BPU); got his info, sent mine, and he had faded away. Don't know if he QSLed or not. Oh, well, one for the notes section of the log. I also heard several 1s and 2s, but they all had their Oklahoma notch filters on. :) Also heard Al and Ga - again, no luck. Atlantic coast was not for me, yesterday except for WD3P (MD).

Big signal awards: N4BP on 20M and AA0B (MO) on 40 M. I also worked WQ0RP, the MINNESOTA QRP SOCIETY club station. Nice signal, guys!

Stations worked:

W5VBO	N4BP
K8CV	N7KT
WA7LNW	AA0B
NR3E	K5ON
K5ZTY	WB4ZKA
AB7TK	WD3P
WA6NAE	WQ0RP
AA5TA	KG5N
KE5TC	W9SUL
WD8RIF	

Lots of fun, if not lots of Contacts.

72,
Mike N5JKY
Edmond, OK

Date: Sun, 21 Sep 1997 15:21:55 +0100
From: Joe Spencer <jspencer@starttext.net>
To: qrp-1@lehigh.edu
Subject: [27137] QRPTTF
Message-ID: <3.0.1.32.19970921152155.007a38f0@starttext.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

NE QRP Afield 1997

The members of the "Radio Active Camping and Contesting Team" (RACC) participated in the NE QRP Afield contest from RED KANE Park in Arlington, Texas using the club callsign K5RAC.

We set up a Butternut vertical (ground mounted with several radials) and placed our table and station between two huge pecan trees for shade. Started a little late...about 1715 and operated until 2315. It was hot and dusty with an occasional breeze to tease us into thinking that the predicted cold front was actually coming in. We saw some big clouds but never got any relief from the heat.

We had several visitors stop by to see what we were doing, so we had the chance to interact with the public and were able to spread the good word of Ham radio. :)

There were several contests in progress mixing in with QRPTTF. Many "high speed" operators.

We made 16 contacts, 13 on 20M and 3 on 40M. States worked were AZ, UT(2), NM, FL, CO, NY, WA(3), ID, VT, TX, MO, OK and Canada. About 832 points.

Had a great time!

Oh yeah....

Our Station: HW-9 @ 4 watts
Lawn Mower Battery
MFJ keyer
Envionics paddle
Butternut Vertical

72/73= 0.986301369863 Joe KK5NA

Joe Spencer KK5NA
jspencer@starttext.net
joes@tcjc.cc.tx.us

Date: Sun, 21 Sep 1997 11:54:32 -0400 (EDT)
From: NilsBull@aol.com
To: qrp-1@Lehigh.EDU
Subject: [27138] Resources about tube qrp rigs &c
Message-ID: <970921115208_371771087@emout09.mail.aol.com>

Gang,

Damn! All this hot talk about tube rigs is burning me up. I've got a couple tubers out in the outhouse radio world from this end of the ranch. Them and hornets and wasps and a whole happy familia of yeller jackets. Bummer.

But there's other options, I figger. For those silly enough to try (like me, f'rinstance), there's the 6 tuber that UZ3ZK offered on pages 8 & 9 of the Spring '93 issue of SPRAT (#74), which I just found by looking through every issue what I've got.

Igor's design includes info on multi-band options (plug in coils &c) covering 160-10 meters. I've been often tempted to scrounge the parts for this one and cobble it together. Only thing stopping me is the metalwork and the obvious hazards of me building anything what ain't got explicit instructions & a tech manual (or a couple folks crazy enough to sell me something, knowing full well that I'll probably wreck it somehow and need to send it back to 'em to get it fixed).

Igor's design is pretty neat, though. Maybe someone try this one, eh?

73

Nils

WB8IJN &c

. . . and then there's the three black boxes of radio what Fair Radio had for sale (and may still have. . . one set of which I've got and, once the wasps leave, I will have to get back on the air with, if only 'cause it's sooooo coooooool . . .

Date: Sun, 21 Sep 97 11:01:37 cdt
From: "ke5tc" <ke5tc@cwis.net>
To: qrp-1@Lehigh.EDU
Subject: [27139] qrp-afield
Message-ID: <MAPI.Id.0016.006535746320202030303035303035@MAPI.to.RFC822>
MIME-Version: 1.0

Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit

Could only operate for one hour. Made 8 contacts, but had lots of fun.
Looking for next one. Thanks to the guys thal slowed down a tade for me.
Royce KE5TC

Date: Sun, 21 Sep 1997 12:07:14 -0400 (EDT)
From: Robert Parks <rob3ert@vegas.infi.net>
To: qrp-l@Lehigh.EDU
Subject: [27140] The demise of CW
Message-ID: <199709211607.MAA28237@fh102.infi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

There's a sad commentary at the top of page 93 of the October, 1997 issue of QST, by David Fordham KD9LA, about the slow death of CW.

Seems contrary to facts as I see them. Maybe these old eyes don't see too clearly.

72/73

Bob Parks
K6AEC (Las Vegas)

Date: Sun, 21 Sep 1997 09:08:17 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Paul Harden <pharden@aoc.nrao.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [27141] Re: Tube QRP Rigs
Message-ID: <Pine.SUN.3.90.970921085619.26899B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Sep 1997, Paul Harden wrote:

> Must admit -- there's a chunk of romance missing with solid state.

This is so very, very true.

There is just no way to explain the feeling you got from the warm glow of the 866's following your keying! Or all the OA# that did the same thing. Then there was the spots glowing on the plates of the finals and the always present "winking eye" tube to let you know when things were just right!

When I used my first transistor and had to take both the 6.3 volt and the 5 volt filament windings and hook them up in series and just forget about the plate windings, I knew something was wrong!

And don't forget about the lack of smoke in this solid state stuff! Real radios used to have LOTS and LOTS of good smoke in them. Seeing what part was leaking the smoke was one way of finding the trouble. Back then parts could leak a bit without hurting them!

Stability? Why who on earth needs a stable osc? All that drifting around didn't hurt anything! :-)

Now all the rigs and keyers sound the same. Very hard to tell who is who without hearing the calls.

Yea, yea, I know, new "stuff" is "better".....(I have a 1000MP and love it, but still dream of 866's glowing in the dark)!!

OK, soap box up.....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 21 Sep 1997 11:24:08 -0500
From: w5hvv@aeneas.net (Rod Fitz-Randolph)
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: kjlopez@earthlink.net
Subject: [27142] Re: Tube QRP Rigs
Message-ID: <v01541104b04a8aea73ec@[207.203.177.47]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Hey old Coot,
>
>My first QRP experience was with a single 6L6 rig and a Heathkit tube
>receiver that I built. A real thrill to work VK, ZL, Alaska, Hawaii, and
>the East Coast!
>
>I have some parts I'm saving for just such a rig. I have not decided on
>a particular design.
>
>I'm interested. Any others?
>
>Ken, N6TZV

Ken, I've been sent some info on the "GLOBUGS" Reflector that I understand
caters to tube type QRP rigs and I will also subscribe to that.

My next project is a really "High Power" rig, running a 50L6 oscillator
with a pair of 35L6s in the final. That will give me 120 volts in a
series string for the filaments and then I can rectify house current for
the plates. I'm sorta setting it up in my mind as to how I want to put it
together, now. I will probably start on it in a few weeks.

I am so pleased with the "1-Watter" that I am going to take a good color
picture of it, have it reproduced on 3.5 x 5.5 inch photo, get Kinko's to
put the QSL info on the backside of it and use it for QSL cards for those
contacts I make with the 1-watter.

More fun: more babies born!!!

Rod, N5HV
w5hvv@aeneas.net

Date: Sun, 21 Sep 1997 11:24:24 -0500
From: w5hvv@aeneas.net (Rod Fitz-Randolph)
To: whalen@swcp.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [27143] Re: Never too OLD COOT!
Message-ID: <v01541107b04a9c8f98fd@[207.203.177.47]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

On Sat, 20 Sep 1997 21:41:59, Tom Whalen wrote:

>When I got my novice at the ripe old age of 16 way back in 1968, I needed
>a xmtr to go with my Night Kit R-100A. (Anyone remem that one?) About
>that time Popular Electronic mag came out with a one tube xmtr using a
>50C5. I built it and had a ball with that rig. Som much so, that after 29
>yrs of hamming bliss I decided to built it again. Still have it on the
>shelf and about once a week it gets fired up and I still love it!

>72, Tom, WB5QYT

>Rig was called the Bare Essentials xmtr....ran off of the 120
>main..no xmformer.OUCH!

Tom, I used a plastic chassis from Radio Shack, connected the "ground" bus
in the transmitter to the ground wire on a three wire AC line so that the
external parts (BNC connector shield, etc.) were at ground potential, and
then with an ancient VOM found which of the remaining two lines were at
120 VAC potential with the ground wire and rectified that for plate/screen
voltage. I used a series resistor and a 12 volt zener to bring the plate
voltage down to a level that I could use to key the Radio Shack reed relay
that in turn keyed the cathode of the 117L7/M7 tube..... hence my use of
the term a "shockless" AC/DC transmitter. There are absolutely no voltages
higher than 12 volts DC exposed to the user. I'm sure that you and the
other QRPers are 'way head of me on that but that was my approach to keep
from being "bitten".

MiGawd, yes! My ancient memory cells are filled with memories of Knight
Kits, Heathkits, and homebrewed projects involving small and simple rigs!
Great Memories!!!!!!

The Ol' fun-lovin', rig buildin' Coot

Rod, N5HV
w5hvv@aeneas.net

Date: Sun, 21 Sep 1997 11:24:30 -0500
From: w5hvv@aeneas.net (Rod Fitz-Randolph)
To: crc@io.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [27144] Re: tube qrp rigs
Message-ID: <v0154110ab04aa5fccfe8@[207.203.177.47]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Back in the 60's I thought a 6L6 was QRO I built several bread board 6L6
>rigs and melted down more than one of them before I managed to build a
>linear of 2 807's for super power.Maybe us old coots need to build a few
>tube qrp rigs , any one got plans for one using acorn tubes,and a source
>for the old tubes ?
>--
>charlie crouchet WA5KRF

Charlie, I'll bet you could take almost any of the 1950's or 1960's
ARRL Handbook designs for triode or pentode oscillators and modify
them slightly for acorn tubes! That would be a fun project to do.
I use to have several 9001s, 9002, 954s, 955s, etc., and the associated
acorn tube sockets. If I see any at the MEMFEST in Memphis in a couple
of weeks, I grab 'em and send them to you (if they aren't too expensive).

The Ol' fun-lovin', rig-buildin' Coot.

Rod, N5HV
w5hvv@aeneas.net

Date: Sun, 21 Sep 1997 09:38:29 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Robert Parks <rob3ert@vegas.infi.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [27145] Re: The demise of CW
Message-ID: <Pine.SUN.3.90.970921092036.26975A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Sep 1997, Robert Parks wrote:

> Gang,
>
> There's a sad commentary at the top of page 93 of the October, 1997 issue of
> QST, by David Fordham KD9LA, about the slow death of CW.
>
> Seems contrary to facts as I see them. Maybe these old eyes don't see too
> clearly.

Hi Bob,

I just reread that piece by KD9LA. I think I agree with him.

If I was into emergency communications I would not be thinking much about CW. And for all the reasons he gives.

>From what I have seen in the last few years, (even before the no code issue) if it wasn't for 2m handhelds some (most?) areas wouldn't have any amateur based communications!

Other areas seem to be very well prepared.

If we think we need to have CW "at the ready" then someone needs to get it out in front and visible!

This has nothing to do with how I feel about CW overall or how I feel about having CW as part of the testing process. This is just based on the reality on "now".

Or look at it this way, CW requires the most training of all the methods of communication available during an emergency.

The goal of all managers is (or should be) to have a system that requires the least possible training. This gives the manager a much larger pool of operators.

Technology is the bridge between highly skilled and almost unskilled operators.

The real debate might be centered on the dependency on technology and if it will be reliable during the real events. Or would a step back to less technology but greater reliability be the better route?

OK, back in my box....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 21 Sep 1997 10:46:25 -0600 (MDT)
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-l@lehigh.edu
Subject: [27146] QRP TTF
Message-ID: <199709211646.KAA13817@ns-1.csn.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Thank you all, including the /AF and /WA, for a great workout with the SST20.

72, Bob KI0G

Date: Sun, 21 Sep 1997 11:49:15 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [27147] death of cw?
Message-ID: <199709211649.LAA27858@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High their everyone:

I firmly believe that the myth of "the death of cw" is an arrl wish to attract more "operators" who will "in theory" become arrl members and thus preserve the arrl. The first rule of institutions is to always keep themselves in existence and the continued existence of arrl at it's current operational point must be in jeopardy...

cw is fun and will continue to attract a certain % of hams. QRP cw is really fun and returns some of the old "mystic" of "the early days"

Just like "ultralight tackle fishing", "ultralight aircraft", "home brew gear", QRP operation will continue on with a certain % of hams.

To create "unity" I think that it would be in everyone's best interest if we, the (qrp) community did become arrl members and "carve out" a nitch in that organization for qrp. We have the numbers and the arrl is structured so that we could vote in the people who are pro qrp and have the power of the arrl being used for pro qrp activities.

Ham radio was in existence before we (qrp) came on the scene and will continue long after we (qrp) are no longer on the scene and like it, or not, the arrl will probably have the most influence on how ham radio is after we are gone.

As members we could change things. As non-members we can only sit and watch... Interesting situation... 72 joel

God Bless
Joel

WA5CVM
Joel Denison
81 High street

Gentle Lady (RC Sail Plane)(049 engine - high
start)
40 mtr dipole up 40ft

Farmington, Maine 04938
jdenison@morelr.com

QRP ARCI 4066
AK/QRP 109

NEW ENGLAND QRP 476 QRP-L 765

Date: Sun, 21 Sep 1997 09:54:53 -0700
From: Danh Le <dql@slip.net>
To: qrp-l@lehigh.edu
Subject: [27148] Schematics for the HW-8
Message-ID: <E0xCpHZ-0000sA-00@mole>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I recently acquired a fine HeathKit HW-8 radio. The radio came with a thick manual and a "HOT WATER HANDBOOK" which contains several mods for the radio.

I am

very excited to find free time to work on the mods. Unfortunately, the schematics

for the radio is NOT in the package! Can any HW-8 owner out there be kindly enough

to send me the schematics for this fine radio? I am happy to reimburse any cost which you may incur in doing this.

Tnx es 72 de Dan, ke6d

=====

Amateur Radio Station: KE6D	Danh Le	
Internet: dql@slip.net	245 Valmy Street	
	Milpitas, CA 95035	

=====

Date: Sun, 21 Sep 1997 13:34:16 -0400 (EDT)
From: Bob Patten <n4bp@shadow.net>
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [27149] FS?: TS-130V & Rem VFO
Message-ID: <Pine.SOL.3.96.970921132854.226A-100000@goliath>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

After using my new IC-706MKII at 5W in the QRP Afield this weekend, and

also having the FT-1000MP which runs nicely at QRP levels, I think it's time to consider parting with my TS-130V and matching remote VF0. But I have no idea what it's worth! Can anyone give me an idea what I should ask for the pair? The 130V has a built-in Curtis keyer and I also modified the ALC circuit so that it will give stable output down to less than one watt (written up in a past issue of QRP Quarterly).

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@shadow.net

Web Page: <http://www.shadow.net/~n4bp/n4bp.htm>

Brass Pounder BBS: (954) 472-7715

Date: Sun, 21 Sep 1997 13:47:59 -0400
From: dwayne rich <dritchff@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27150] Re: The demise of CW
Message-ID: <34255DCF.5599@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Or look at it this way, CW requires the most training of all the
> methods of communication available during an emergency.

This is true. It does require the most training but think of it this way would you rather have someone who is highly trained in an emergency or one that isn't

>
> The goal of all managers is (or should be) to have a system that
> requires the least possible training. This gives the manager a
> much larger pool of operators.

A larger pool of operators is not necessarily the answer. If it was our quest to find the largest pool of operators possible we could walk into any fire station, EMS building or police station and hand them a ham radio and say if a natural disaster occurs then use this ham radio so you can relay welfare messages. We could do away with all licensing requirements. We should strive for quality not quantity. I am a

firefighter by profession and also a volunteer firefighter. Our requirements to be a firefighter have become stricter not more relaxed. We have people both paid and volunteer, in this country, that believe if a person can sit in the drivers seat they should be allowed to operate a 38,000 pound vehicle. Apples and oranges in comparing this to ham radio? Not really. I worked at the State EOC when Hugo hit SC & NC. I helped send messages into charlotte when they had no telephone service. These request were for basic necessities (food, water, clothes, shelter). It is in these times when people need highly trained operators to get the messages through.

The band conditions go so bad at one point that the only way we could get through messages was by the use of cw. It was the only way. We tried everything else. Some of the repeaters in the charlotte area had been blown down making links impossible. Luckily I was working with an extra class operator that knew how to send fast cw. When I signed up as a volunteer and then later went to work at another department as a paid firefighter I made a commitment to be the best I could. I think we should all try to do that with ham radio. It's time we stopped asking for everyone to give us everything that we want as a handout and starting doing more for ourselves and our neighbors. To put the pride back into our work and our hobbies. I am just as guilty as everyone else but that is changing. I am working on upgrading to general (something I should have done long ago). I want to be a better operator, I want to know how to troubleshoot what's wrong with my radio not just send it somewhere to be fixed.

>

> The real debate might be centered on the dependency on technology
> and if it will be reliable during the real events. Or would a step
> back to less technology but greater reliability be the better route?

Look at what the Israel military does with planes they buy from the US. They buy them with a minimal amount of computer equipment and they rely more on their personnel's abilities than a computer. Bottom line? Their planes stay in the air on a more regular basis than us planes for a fraction of the costs. Technology is good, but has also become a crutch. I am off the soapbox now. By the way I am only 32 years old. Also if anyone lives near raleigh,nc and would like to spend some time teaching me more about troubleshooting equipment I could greatly use your help.

Dwayne Rich
KC4ADW

Date: Sun, 21 Sep 1997 14:05:18 -0400 (EDT)

From: AlK0FRP@aol.com
To: QRP-L@Lehigh.EDU
Subject: [27151] 6T9 tube transmitter
Message-ID: <970921140317_1063442915@emout13.mail.aol.com>

Built a 6T9 one tube transmitter from 1972 handbook. .this is a 160 -20 m
crystal controled rig.
got some finishing touches on the power supply.
Tough time getting the correct voltages from old junk box transformers.
have no crystals in the CW band for 40 or 20. but 7199 and 14.272. just to
see if I get it to work. Then I'll get a crystal.
Sure generates more heat than my Sierra HI

Al K0FRP

Date: Sun, 21 Sep 1997 15:20:23 -0400
From: Richard Powell <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [27152] QRP Afield (long)
Message-ID: <1.5.4.32.19970921192023.006a8960@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wow!

The BUBBA Team (Big Ugly Bug Bitten Amateur) and sons had quite the
enjoyable expedition!

Saturday, 5AM local... Whats that noise? oh yeah,, the alarm!!!
Awaken all, pack car, goto breakfast! stand in line at the Burro of
Motionless Vehicles to get them silly little stickers.... 8:15 Point East,
and Drive.

Arrive at Paint Creek State park about 10am, Great! the non-facilitied area
is open! the one with all the trees!,
begin: unpack car
IRQ-3!!!! BIG MEAN BUGS WITH DRILLING EQUIPMENT!
Run Away! Run Away!!
ouch!!
I'm tellin ya,,, this bug was mean!!! it was NOT happy just bitin',,, it
drilled!!!! and chased us.... (ohh for the lack of a camcorder!)

ok,,, where's the compass,,,, I wanta set this antenna up so K10J don't overpower my RX again!
what,,, no compass??? and cloudy to the point of not being able to base direction decisions on that big orange circle-thing.... Well,, I guess these two trees will just have to do....
so, got tent, 20M dipole, 2M J-pole, BUBBA-Table, BUBBA-TV, BUBBA coffee-pot, MFJ9020, H/B Keyer, all ready to rock and roll in the tent.... Kids now running away to do whatever they came here to do (bike,,, rocks,, wander around...)
Had a really nice pre-test QSO with John, K5JS down in LA. He was running 3W and just booming in! Well good, maybe I did pick the antenna positioning so I don't get over-whelmed by K5ZTY!

Contest begin,,,, OK, here is a quiet freq,,,, lets call CQ.

1604: WA1QVM MA 4W

1608: K5ON NM 5W

1611: KJ5VW TX 5W

1612: N4SO AL 4W

Wow!!! doin great soo far,,, except the keyer is betraying me,,,, switch back to straight key! (gonna be a long contest!)

12 more contacts, now 1834, LMC (Large Male Child) and SMC (Small Male Child) have returned,,, compaining about hunger... hmmmmm my arm hurts anyway!!
Hmmmmm By the way,,, N7VE,,,, your signal sounded hollow and echo'ey,,, weird prop path???

OK, 6 cans of Chicken Noodle Soup later - back on the air!!!

2000 - - Wow,, was that AL7FS???

2100 after 6 more QSO's INCLUDING the infamous AL7FS,,, The wind is now blowing soo hard that I think the tent is going to become a -tent-a-sail-! gotta take a break and tie it down better,, can't hear anyway because of the wind noise (even with the headphones on!)

Wait,,, what is this??? One side of the antenna is down? Wonder how long that has been like that? Well, can see the sun now,,,, It figures,,, I'm pointed at TX... Well, this is as good a time to move the antenna anyway..

2134 - back on the air,,,, Wow the West coast states ARE out there!!!

9 more QSO's and it's 2317, my hand is toast, and my Big Ugly Bubba Butt is sore.....

Great Time had by all!!!!!!

31 High QRP power Field QSO's

17 SPC's (including PR)

2108 points!

and a big festering blister lookin thing on my left arm where that d*** bug drilled!

Thanks to all!

72

/BUBBA Rick

WB6JBM/8

Richard Powell WB6JBM TENTEN - 13044
ripowell@mpna.com <http://www.mpna.com/ripowell>

Date: Sun, 21 Sep 1997 14:22:52 -0400
From: Joseph Everhart <n2cx@voicenet.com>
To: qrp-1@lehigh.edu, njqrp@njqrp.org
Subject: [27153] QAF '97, Chores and Billiard shots (long)
Message-ID: <199709211822.0AA57794@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

As several other East coaster's have pointed out, propagation here stunk!
However we all try to make the best use of things that we can. My goal was to
check out antenna possibilities

My time for QAF was limited, having to squeeze activities in between other
things. After the morning's chores, playing taxi and other assorted duties,
I strung up a 40 meter end fed 67 foot wire supported by an NE 20-30 PVC mast,
configuring the wire and an end fed inverted vee.

Using my Rainbow Tuner, I was able to resonate the wire on 40 and 20, although
tuning on 20 was touchy since it was at the low capacitance end of the
compression trimmer. Parallelling a 6 uH coil (same as the one in the Rainbow
without the taps) gave me much better tuning. Of course on 40 the coil had to
be disconnected. a 16-1/2 foot wire laying on the ground proved adequate as
the counterpoise for both bands. OK on to operating..

Hooked up my trusty Sierra along with a solar-charged gel cell and Whiterook
paddle on a picnic table in the back yard. Noisy, crummy condx. 20 was
noisy with few stations while 40 had more noise and fewer QRP'ers!
After an hour with only 3 Q's I took down the wire and put up a 20/40 Gusher
fan dipole.

Wow, is the receiver dead? Noise level is much lower. And now I can hear a
more stations. And so it went all afternoon. Since it only took about 10
minutes to change antennas, I alternated between the end fed and the center
fed wires, changing over after the natural breaks caused by having to tend
to chores and such.

As far as signal reports received was concerned, there was little to choose between the two antennae. However since the feed end of the wire was close to the house and ac wiring, received noise on it was over an S unit higher. Of course I assumed that this would be the case, but it was proven dramatically by my A/B comparisons. In an isolated field location, the end fed half wave wire would be much easier to put up and wouldn't suffer the noise problems but at least at my QTH which is always noisy anyway, the center fed dipole is a better choice.

Results weren't too bad I suppose for a fragmented effort - 19 QSOs in 15 states running 1-1/5 watts on 20 and 3 on 40 for 1140 pts.

Oh yeah, the billiard shot! Toward the end of the effort, I was calling CQ QRP TEST on 40 when WA4LJJ responded. I responded with the usual exchange and he said that he was neither QRP nor in the contest. However he had heard my booming signal (his words) and wanted to know what I was doing to have such a good signal with QRP! His 100 watts from KY were 579 here in NJ, but I was 589 peaking at 599 there! Now that is the first time I've ~~ever~~ had anyone tell me that! Guess the bounce off the ionosphere was just right...

So all in all, the contest was pretty good after all. I got to make a bunch of contacts, got to compare antennas (and re-verify that the Rainbow works fine on 20 with a 40 meter wire), domestic tranquility was maintained by periodic "work breaks" and I got a nice ego boost at the end.

I love this QRP stuff!

72/73,

Joe E., N2CX

>From South Jersey, y'all!

home: n2cx@voicenet.com
work: jeverhar@camden.lmco.com

Date: Sun, 21 Sep 1997 15:24:56 -0400
From: Richard Powell <ripowell@mpna.com>
To: qrp-1@lehigh.edu
Subject: [27154] ARP Afield Lessons Learned
Message-ID: <1.5.4.32.19970921192456.006b4a18@smtp.mpna.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Wanted To Buy:

MFJ CW AF Filter for MFJ9020

MFJ Iambic Keyer that mounts inside MFJ9020

A Bug Zapper that runs off 12V and doesn't emit QRN.

I know I can get the first two directly from MFJ,,, but I want to give my friendly neighborhood QRP-L'ers a chance first! (kit suggestions welcome!)

72

/rick

wb6jbm/8

Richard Powell WB6JBM TENTEN - 13044

ripowell@mpna.com <http://www.mpna.com/ripowell>

Date: Sun, 21 Sep 1997 14:36:54 EDT

From: tahrens1@juno.com

To: qrp-l@lehigh.edu

Subject: [27155] QRPTTF - Lotsa fun! (long)

Message-ID: <19970921.133550.4919.4.tahrens1@juno.com>

Hi folks - had a great time! First of all, the XYL said she'd take care of the harmonics while I went & played! Gotta love her!

Had thought about a spot to operate from, but didn't come up with anyplace exotic.. was gonna operate from the hill at Goldenwood, but couldn't find the owner to let me trek upward. Was gonna try enchanted rock, but figured the impending cool front would make my stay be short. (it's not here, even yet!hehe).

So, let's see, where would be a good place to operate from? While I was at our local VFD fire station, I noticed some really tall trees behind it.. probably 50 feet.. (that's pretty good for around here). Hey, that might not be a bad place.. close to the cold drinks in the station, can run down to the Salt Lick for a BBQ sandwich for lunch.. OK, lets try it.

Used the old galvanized pipe fittings, sling round

& round method of hoisting the wires of the 135' dipole up... whew,, maybe a spud gun is called for next time! Finally get both ends up, and started hoisting the wire in.... hey, the trees are closer together than the dipole is long... oh well, guess it's gonna be an inverted U this time! hehe. Also took the MMA Vertical just in case 40 was hot. This action started about 10:15 (TTF started at 10 here). Got the stuff in the trees & ready to go at about 11:15. Just enough time to run to get the BBQ & head home for a few things left. Gobbled the s'wich, grabbed the external speaker for the sierra & the Maalox (just in case), changed shirts and headed back to the site. (I couldn't even stand myself... lotsa sweat getting those stupid wires up)!!

Took both the Sierra & Index.. I don't have a 15 meter module for the Sierra, so the Index could handle it. HA! Murphy struck... no PL259 to BNC adapter for the Index. Oh well, 15 is probably dead anyway.

Was pretty hot, about 95 with 60% humidity..., but the tarp strung in the Pecan tree really made it kinda pleasant when the wind blew... guess that's why we sweat.. so it can be cool when the wind blows! hehe

40 was pretty crummy here (although it's probably like that everyday at this time). 20 was pretty good, but did find a bunch of odd things being transmitted from special event stations & such.

Heard & talked to a lot of familiar calls... guess that's one of the reasons I do this.. Hey OJ,, you work multi-op, or are you just that good?!! hehe Nice signal here on 40. And BP musta had a hole burned into the 'sphere... he was 579 the whole time, just like Doc was in the last contest.

Jay called from his favorite spot.., and Paul was muttering something about d--- rain! Could envision him sitting in the spot from the movie. Guess they got the front that hasn't showed up here yet.

Anyhow, the total for a nice day was 43 contacts & 20 multi's.

It was interesting, that at my 999 mw anybody that I heard and called, called me back, and we completed the contact. This qrp stuff is fun! I have a calibrated tongue that I use to measure that last mw. Hey, what do you think open wire lead in is for?

Thanks to all, and hope you had as much fun as I.

CU

Tim W5FN

Date: Sun, 21 Sep 1997 11:58:42 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [27156] QRP Friends
Message-ID: <199709211858.LAA23047@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Pictures are coming in now; new additions are Grover Cleveland, Mark Anthony, Tom Frisz and Hank Kohl. <<http://www.dancris.com/~ki7mn>> and click on 'QRP FRIENDS'

73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.
33.334500N -111.87260W
<http://www.dancris.com/~ki7mn>
WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=6

Date: Sun, 21 Sep 1997 14:58:57 -0400 (EDT)
From: Bob Schreibmaier <k3ph@dxis.monroe.pa.us>
To: qrp-l@lehigh.edu
Subject: [27157] Re: The demise of CW
Message-ID: <199709211859.0AA12739@dxis.monroe.pa.us>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> > Or look at it this way, CW requires the most training of all the
> > methods of communication available during an emergency.
>
> This is true. It does require the most training but think of it this
> way would you rather have someone who is highly trained in an emergency
> or one that isn't

I would rather have someone who is both prepared and highly trained in emergency procedures, whatever mode they are using. In my neck of the woods, that has meant 2 meter FM for local communications and 75 meter phone for the rare times you need a liaison with Eastern (Pennsylvania) area RACES. Up here, it has meant that for at least 25 years. Seems to get the information through quickly and accurately, which is what you need during an emergency.

72/73,
Bob

--

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+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@dxis.monroe.pa.us |
| Kresgeville, PA 18333 | ICBM: 40o55'N 75o30'W |
+-----+
```

Date: Sun, 21 Sep 1997 15:18:30 -0400 (EDT)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [27158] Bleating my own horn again: Web Page rewrites up again
Message-ID: <970921151641_641018393@emout09.mail.aol.com>

Gang,

I just finished off the latest iteration of my web pages. I did not follow the usual Doonesbury form of having absolutely illegible stuff, so, unless you use some strange background of your own on stuff, you otter be able to see what's up.

History updates, changes in packaging the info, replacing 8 million pages of different hobbies with one only . . . to which I may eventually add top-of-the-page-to-whatever links.

And a few links that I've picked up off this list . . . which is yer own dang fault anywayz, see?

73
Nils
WB8IJN &c

. . . and the most recent radio project is on too . . . on the stories & stuff page . . . which otter be the last button from the bottom . . .

Date: Sun, 21 Sep 1997 12:33:43 -0700
From: cleveland@usa.net (Phillip "Grover" Cleveland)
To: qrp-l@lehigh.edu
Subject: [27159] Re: Fox Schedule Status
Message-ID: <v02130500b04b15276189@[208.25.61.57]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Chuck Adams spake:

>But I still think that TX will outscore AZ and CA this year. We don't
>use vegetables and cannons to put up our antennas. ;-)

That, Chuck, is because there are no trees in Texas higher than twenty feet, and you can put up antennas using a broom handle. There is a reason after all for a company named Texas Towers.

Grover

- - -

Phillip "Grover" Cleveland K7TP (ex WT6P, KC7IW, WA6WJV)
QRPARCI 3795 / ARS 101 / Norcal 216 / QRP-L #669/ Alaska QRP #60
Archaeoferroequinologist / Fairmont Speeder Pilot
Certified Steam Locomotive Fireman / Certifiably Loony
www.jps.net/groverc

Date: Sun, 21 Sep 1997 15:47:28 -0400
From: Michael <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [27160] Re: The demise of CW
Message-ID: <342579D0.20C2@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ku7y@sage.dri.edu wrote:

> If I was into emergency communications I would not be thinking much
> about CW. And for all the reasons he gives.

I see a serious problem with terminology in this discussion.

Most of what hams do is traffic handling in support of recovery from an emergency. For this task CW is down the list of modes to choose and use. Landline phone, FAX, cellphone, amateur packet, RTTY, AMTOR, voice all are usually easier and faster.

If you have computers that work and the power to run them, then there are lots of choices better than CW.

CW has the advantage that you can establish a reliable link with the least equipment and power of any mode. This is very handy when you are the person in the emergency and need to call for help. When all you have with you is a 38 special and a small battery.

Also if you have to walk in to the location carrying everything you need. I will carry an extra 2 days of food before I will carry a laptop computer, not to mention the extra batteries needed to power the computer.

Once the relief agencies start showing up we are doing traffic handling and CW will probably not be the first choice. But for that first few hours or first day when you are calling for someone to come help, there are no working computers, no power except the batteries you have, the equipment has to have been protected from water and other damage, then CW is a great choice.

Please, let's not confuse "emergency communications" i.e. calling for help, with "traffic handling in support of relief" i.e. running messages for Red Cross, FEMA etc. The task and requirements are different.

73 michael N6CHV

Date: Sun, 21 Sep 1997 19:41:45 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [27161] QF1-A supply voltage?
Message-ID: <3.0.16.19970921194139.20af498a@som-uky.campus.mci.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I recently picked up an Autek qf1-a that requires the external d.c. supply. My other qf1-a has the internal a.c. supply. What supply voltage is used with the externally supplied unit? I show +18v in the a.c. version, and it *seems* to operate well at +12... I would prefer using +12 with the qrp gear.

Anybody have this info handy? tnx...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Sun, 21 Sep 97 13:17:15 PDT
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: jokortge@mci2000.com (Jim Kortge, K8IQY)
Cc: qrp-l@Lehigh.EDU (qrp)
Subject: [27162] Re: 38s & mtp3055e/ndp4060
Message-ID: <9709212017.AA26672@wizard.ucs.sfu.ca>

Well, I seem to have the rest of the rig sorted out. (Filter, tx/rx offset etc.) So, thought I would try the mtp3055e mod as suggested. On keying, the thing went up with a bang. The local active gave me the ndp4060 when I ordered the mtp3055e, but I can't seem to get a data sheet locally to see if the rf characteristics are really the same. TC2 seems to be adjusted right as the rig works fine in low power configuration. I really don't need much, would just like to get the thing in the 1-1.5w range in order to conserve batteries while in the field. Has anyone else had this experience with the mtp... version of the power mod? Any suggestions will be appreciated.

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

Date: Sun, 21 Sep 1997 16:30:48 -0400

From: John Dorson <jdorson@bbs.mpcs.com>
To: qrp-1@Lehigh.EDU
Subject: [27163] S-38B schematic
Message-ID: <199709212030.QAA16142@bbs.mpcs.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Someone a while ago asked for a schematic for an S-38 receiver. I don't remember who or exactly when, but I just got one for the 'B' version which I think will be close enough, so if anyone out there needs it I'll be happy to send it to them.

John K2JHU...

Date: Sun, 21 Sep 1997 15:38:15 -0500
From: TonyDrumm@ibm.net (Tony Drumm)
To: qrp-1@Lehigh.EDU
Subject: [27164] QRP Afield from southern MN
Message-ID: <199709212037.UAA30330@out2.ibm.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I had fun once again during the event this year. Our Boy Scout troop had a camping trip planned to some private property south of Rochester, MN, near Iowa. So my site for the contest was pre-determined. We left for camp Friday evening. It had rained most of Friday and was still drizzly while we set up camp. The property is very nice and we camped by the stream. That means we were sort of low.

Saturday morning I strung up the antenna between other duties. One of the patrols has a portable picnic table which they let me use. Lots more interest from the scouts this time than other occasions when I've had my radio gear along. I have a Sierra now so whenever one stopped by, I opened it up to show off the "guts". Several of the boys commented "cool".

Despite the low terrain, the signals seemed good. The antenna was oriented north-south and did seem to favor east-west. Texas signals were just good, not booming. I think there was a pipeline on 20m from MN to AZ. I worked about 5.5 hours from first QSO to last, but that was interrupted some. The troop was kind to me and didn't take too much of my time.

I worked a total of 28 stations in 16 states on 20m and 40m at about 2 watts. This was really my first good shakeout of the Sierra and I was pleased with it. 40m was usable with less noise than I've heard other

times, but the signal reports both ways were noticably lower. (Isn't it nice to have contests where you can actually use the signal reports?)

I'm looking forward to FYBO!

72.

Tony Drumm

ARS AA0SM - Rochester, MN

Date: Sun, 21 Sep 1997 13:38:07 -0700
From: "Paul Carreiro, N6EV" <carreiro@barepower.net>
To: qrp-l@Lehigh.EDU
Cc: n0ihm@starpont.net
Subject: [27165] Re: Tube rig URL <N6EV's Glowbugs Site>
Message-ID: <3.0.32.19970921133759.006b621c@mail.barepower.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:36 AM 9/21/97 -0500, Wes, N0IHM wrote:

>In regards to tube rigs, I *had* a bookmark for the Glowbugs URL.....but
>couldn't find it for the *old coot*.it wouldn't connect last night for
>me.....belongs to N6EV I believe.
>Did it change?? Or is it me??? (Remember, change is good....you give it to
>your grand kids)
>Wes, N IHM qrp-l 566

My Glowbug (Homebrew Tube Rigs) Web site is still at the same URL:

<http://www.barepower.net/~carreiro/Glowbugs/Glowbug.html>

My ISP has been giving me fits the past month so it does not suprise me that the site may have appeared to be down. If it does not respond, check again later. Currently.. it is up and running.

The site contains many Tube transmitter and receiver projects collected from the Glowbugs list. It also has schematics copied from the ARRL Handbooks (with specific permission granted to Glowbugs from the ARRL). I've also started a reference section which will contain some select technical sections (non-project) from the old Handbooks. A section containing photos of HB tube rigs will follow soon.

For those interested in the Glowbugs E-Mail reflector, the info on how to subscribe is up on the page. The traffic on the Glowbugs list is alot lighter than here on QRP-L so can easily be added to your subscription list.

It's great to see all the interest on QRP Tube gear. Hope to see you all with filaments heated.

73 Paul N6EV

P.S. : The only Tube Transmitter Kit that I know of is called the Cake Pan 5W. As I remember, it uses a single 6AL5 as osc/tx. I don't have the info here in front of me. To tell the truth, not sure if it is on the web site (there's so much there!). If there is interest, I'll dig up the info on who supplies the kit. N6EV

Paul F. Carreiro - N6EV - ex-N6HCS - El Camino Village, CA
mailto:carreiro@barepower.net - <http://www.barepower.net/~carreiro/>
QRP - Boatanchors - Glowbugs - Mobile CW - QRQ +45WPM - ZUT!
NorCal #367 - QRP-L #236 - QRP ARCI #8885 - FISTS #1407
SCQS #1 - Southern California QRP Society
Zuni Loop Mountain Expeditionary Force (QRP Field Day)

Date: Sun, 21 Sep 1997 16:54:01 -0700
From: astone@erols.com
To: qrp-l@Lehigh.EDU
Subject: [27166] Help with Transistor Substitutions
Message-ID: <3425B399.4320@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi -- I'm trying to repair an old Heath power supply and need some suggestions on transistor/fet substitutions. It appears that someone did try to repair this thing and attempted to use whatever they happened to have in their junk box. No good. The only source for substitutes I could find is from NTE but I expect that I could get by with more common substitutes that I might find at Radio Shack or elsewhere. I've had no luck trying to find the original parts in the Newark, Mouser, Digikey, etc. catalogues. The original parts that I'm looking for are 2N4304 (fet), 2N3566 and 2N3393. They're used in the regulator circuitry -- I guess before the days of 3 terminal regulators. Any help would be appreciated.

72,

Ron (KA3J)

Bethesda, MD

Date: Sun, 21 Sep 1997 15:26:47
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [27167] death of cw?
Message-ID: <3.0.1.16.19970921152647.085f2bd0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just spent the last few nights tuning around the 75 M waste land. Geeez, these people need to grow up and get a life. I know now why I just work CW.

QRP CW FOREVER!

73,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sun, 21 Sep 1997 17:06:28 -0400
From: Joseph Trombino jr <joebarb@wilmington.net>
To: QRP-L@Lehigh.EDU
Subject: [27168] QRP Afield
Message-ID: <3.0.1.32.19970921170628.00dbfd6c@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Gang:

Conditions must have been pretty good here in southeastern North Carolina for the QRP Afield contest--haven't heard so many QRP signals on the air since the the early 1980's. Lots of new callsigns heard and worked so that's a very good sign for our niche of the hobby.

Made 69 QSO's from home station (someone has to pass out the Q's!!:) switching between Argonaut II and OHR-400 with 40 meter delta loop/4 to 1 balun/coax-feed/tuner. Most signals had incredible strength considering the power levels used--most surprising were the <1w sigs booming in here. Lowest power worked with most unbelievable signal strength (S9) was WB3AAL in PA running 9mw, yes, 9mw--I asked for repeat to make sure my ears were working!!

Worked WA7LNW (Utah) on 15 meters with good sigs--believe 15 was open--

just a case of nobody being there.

Thanks for a great contest-gotta get myself outside next year, now how do I talk the XYL into some kind of camping trip???:)

Cheers and 73 from the Tar Heel State,
Joe W2KJ

Date: Sun, 21 Sep 97 17:21:30 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-1@Lehigh.EDU
Cc: malman@BBN.COM
Subject: [27169] "demise of CW"
Message-ID: <199709212121.RAA142228@nss2.CC.Lehigh.EDU>

Folks,

Just my 72 cents worth ... Flame me if you want at: malman@bbn.com

Some say the demise of CW is near.

I suspect that most of the people that say the demise of CW is near are the people who want the demise of CW to be near, for a reason to match their desires (for example: a no-code HF license).

The "no-code" license by itself is not really such a bad thing. Of course international law requires at least a CW test (is 5 WPM specified, I don't know).

Some say the ARRL is mostly only interested in the number of subscriptions they can sell. That might be so. Remember, they have turn a profit also ...

As I have said before, no-code (or almost no-code -- remember even the doctors note does not preclude a no-code from passing element 1A, the 5 WPM test) is not really a bad thing. I still like the idea of the no-code General. To get one you have to pass elements: 1A, 2, 3A and 3B. Element 1B (13 WPM) is not required. This would not place an additional burden on VEC's. Passing the 'no-code general' would allow all standard general privileges EXCEPT for CW in the general portion of the HF bands. Of course all Novice voice and CW, etc. privileges are granted on all licensed bands.

No-code Generals can easily upgrade to Standard General by passing element 1B at any time.

The 'no-code' General is very much like the current Advanced. Lots of voice privileges and room for upgrade. Lots of voice will do nicely to keep the HF bands busy with new amateurs, and it will do well to keep the ARRL happy with new members.

As for us, the happy QRP crowd, in the long run, we will see more hams joining the ranks of amateurs. More amateurs is going to mean more folks we can convert to happy QRP cw operators.

... Before you flame: Remember, the chance of the Internet Surfer becoming an amateur is probably pretty close to Zero....

Joel Malman wa1qvm Concord, Mass. [Email: malman@bbn.com]

Date: Sun, 21 Sep 1997 18:05:08 -0400
From: Ken Newman <n2cq@comten.com>
To: njqrp@njqrp.org, QRP-L@Lehigh.EDU
Subject: [27170] Re: QAF '97, Chores and Billiard shots (long)
Message-ID: <1.5.4.16.19970921215830.2677767a@mail.comten.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Joe and Group,
I couldn't go "Afield" either for the usual weekend availability for work so I set up in the back yard.
Looks like we did some of the same things on "Afield" on Sat.. I started out with the Explorer II at 900 mw on a 40 meter "Halfer", with one end up the tower at about 30', and the other at the screen porch. I used the MFJ 971 tuner since I haven't modified the Rainbow tuner for 20m. It loaded 20m ok but a little touchy. Used the MFJ 9020 on that. The first 2 QSOs went well on 40 with WA1QVM (MA) and W2JK (NC). I agree, the band was noisy and when I could barely hear N2VPK I know something is not good. Went to 20 but very noisy there too and when N4BP is at the noise level, well.... Worked a few but knew I had to put up the 20-30 mast and the reliable folded dipole with 300 ohm twinlead on 20. Took a lunch break and put it up. Yes, it is much quieter and some 5's started to answer CQ after that. Nothing west of Colo. was heard today except....
I get a call from a CQ and I copied ??7FS. After the digital QRM stopped at the right time, it was..... YESSSSSS! AL7FS. How can he hear me with this puney antenna? The exchange is completed and that is my billiard shot.
You have to have something unusual in a otherwise less than great result.

The folded dipole for 20 is a very good dummy load for 40m so back to the "Halfer"

At the end it worked great when 40m got better. Exchanged 599's with WD8RIF and couldn't be heard in MI earlier in the day. I went to the full 2.5 watts and the Rainbow Tuner for this time.

Once more the three important items in QRP for contesting are: 1. Antennas, 2. Antennas, And 3. Antennas. I worked less than half of the 55 QSOs last year with a 40m loop. My 25 QSOs and 13 S/P/C had to be the AL7FS QSO for the bright spot of the day. Thanks, Jim!

At 14:22 09/21/97 -0400, you wrote:

>Group,

>

>As several other East coaster's have pointed out, propagation here stunk!

>However we all try to make the best use of things that we can. My goal was to

>check out antenna possibilities

~~~~~clip etc ~~~~~

>

>I love this QRP stuff!

>

>

>72/73,

>

>Joe E., N2CX

>

>From South Jersey, y'all!

>

>home: n2cx@voicenet.com

>work: jeverhar@camden.lmco.com

>

>===== NJ QRP Club Mailing List =====

72/73,

Ken Newman, N2CQ

Woodbury, NJ

N2CQ@Comten.com

-----  
Date: Sun, 21 Sep 1997 18:23:29 -0400

From: dzn1@juno.com (Howard D Rubin)

To: K4AHK@ix.netcom.com

Cc: qrp-1@Lehigh.EDU  
Subject: [27171] Re: Batt Meter & 'test S/W  
Message-ID: <19970921.182330.9998.1.dzn1@juno.com>

Bill,

Looks like you are well on your way to a zener and resistor solution. The problems I see with the zener approach is that the threshold voltage is fixed by the zener and the fact that 20 mA of zener current is typically needed to establish a good voltage knee. The latter current drain would make the voltmeter draw enough current to discharge a battery in a relatively short period of time. I would prefer a drain of less than 100 uA.

I've given some thought to it and have decided to use a programmable zener like the TL431 to set the threshold voltage. Using two TL431's in series, one should be able to set 9 volts and have it adjustable. They aren't too expensive, either. Tech America has them at \$1.27 each. Except for a 50 uA movement meter (which I have in my junk box), the rest of the parts should be less than a dollar. One other advantage of this approach (over an op-amp expanded range system): there is no power supply needed and both the threshold and the full scale are trimmable/adjustable.

When I get the 431's, I'll breadboard the circuit and share the results with the rest of the group.

Regards, Howard Rubin, N3FEL

On Sun, 14 Sep 1997 07:29:34 -0400 K4AHK@ix.netcom.com writes:

>Thanks for the response, Howard.

>

>1. Parts Cost: Probably not a problem. I have lots of meters

>and

>components.

>

>2. Assembly time: Got lots of time.

>

>3. Packaging: Not a problem. Have access to extensive shop &

>tools.

>

>4. Accuracy: Enough to monitor station battery charge condition

>

>5. Precision: Same as 4.

>

>6. Power Supply Avail: Just about anything for test. Meter should

>not

>require a power supply.  
>  
>7. Expertise level: Managed an electronics manufacturing company for  
>years and am a degreed engineer with lots of homebrew experience.  
>  
>8. Environmental: Mostly indoors with an occasional field day  
>trip.  
>  
>9. Existing circuitry: Don't have any  
>  
>10. Other: The single zener and resistor are probably what I am  
>looking  
>for.  
>  
>Bill - K4AHK  
>

-----  
Date: Sun, 21 Sep 1997 22:33:35 +0000  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
To: malman@BBN.COM, qrp-1@Lehigh.EDU  
Subject: [27172] Re: "demise of CW"  
Message-ID: <19970921223325.AAE24827@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:21 PM 9/21/97 +0000, you wrote:

>Folks,  
>  
>Just my 72 cents worth ... Flame me if you want at: malman@bbn.com  
>  
> Some say the demise of CW is near.  
>  
> I suspect that most of the people that say the demise of CW is near  
> are the people who want the demise of CW to be near, for a reason to  
> match their desires (for example: a no-code HF license).  
>  
> The "no-code" license by itself is not really such a bad thing. Of  
> course international law requires at least a CW test (is 5 WPM  
> specified, I don't know).  
>  
> Some say the ARRL is mostly only interested in the number of  
> subscriptions they can sell. That might be so. Remember, they  
> have turn a profit also ...  
>  
> As I have said before, no-code (or almost no-code -- remember even

> the doctors note does not preclude a no-code from passing element  
> 1A, the 5 WPM test) is not really a bad thing. I still like the  
> idea of the no-code General. To get one you have to pass elements:  
> 1A, 2, 3A and 3B. Element 1B (13 WPM) is not required. This would  
> not place an additional burden on VEC's. Passing the 'no-code  
> general' would allow all standard general privileges EXCEPT for CW  
> in the general portion of the HF bands. Of course all Novice  
> voice and CW, etc. privileges are granted on all licensed bands.

>  
> No-code Generals can easily upgrade to Standard General by passing  
> element 1B at any time.

>  
> The 'no-code' General is very much like the current Advanced. Lots  
> of voice privileges and room for upgrade. Lots of voice will do  
> nicely to keep the HF bands busy with new amateurs, and it will  
> do well to keep the ARRL happy with new members.

>  
> As for us, the happy QRP crowd, in the long run, we will see more  
> hams joining the ranks of amateurs. More amateurs is going to mean  
> more folks we can convert to happy QRP cw operators.

>  
> ... Before you flame: Remember, the chance of the Internet Surfer  
> becoming an amateur is probably pretty close to Zero....

>  
>  
>Joel Malman        wa1qvm   Concord, Mass.   [ Email: malman@bbn.com ]

>  
>  
Sorry but I am 100% against having a "no-code" HF license! Haven't we  
learned ANYTHING from our Citizen's Band experiment on 27 Mhz? Open the  
flood gates  
with a "no-code" General, and you can kiss the HF bands goodbye! Especially  
QRP and double especially QRP-CW! Honest Injun!

He who does not learn from history, will be condemned to repeat it!

73,  
E. V. Sandy Blaize, W5TVW  
"Boat Anchors collected, restored, repaired, traded and used!"  
417 Ridgewood Drive  
Metairie, LA., 70001

-----  
Date: Sun, 21 Sep 1997 18:06:38 -0500  
From: Bill Meahan <www@wa8tzg.mi.org>

To: qrp-1@Lehigh.EDU  
Subject: [27173] Re: The demise of CW - bah, humbug!  
Message-ID: <34259a70.wa8tzg@wa8tzg.mi.org>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

On 21 Sep 97 at 12:07, Robert Parks wrote:

> Gang,  
>  
> There's a sad commentary at the top of page 93 of the October, 1997  
> issue of QST, by David Fordham KD9LA, about the slow death of CW.  
>

Earlier this century, the sailors on the old sailing ships used many similar arguments as are used to decry the "death" of CW (minimal equipment, usefulness in an emergency etc.) to decry the "death" of sailing. Most commercial interests had switched (or were switching) to powered vessels from sail and the need for trained sailors dropped precipitously. Although the need for knowledge of sailing specifics stayed part of official licensing examinations for a while, they too were eventually dropped, much to the dismay of many an "old salt".

Funny thing, though -- sailing didn't die -- it just became transformed into a highly-popular \_recreational\_ activity.

Although very, very few people nowadays use sail for commercial purposes ("windjammer" cruises being the only notable exception and still represents only miniscule levels of activity compared to "the old days") thousands upon thousands upon thousands of people participate in \_recreational\_ sailing simply because it's fun or relaxing or a challenge or a sport. From homebuilt prams and scows to huge commercially-built yachts, the local lakes and marinas are frequently overloaded with sailboats and the lakes, on any given warm-weather weekend, are usually dotted with the sails of both individual sailors and fleets of club racers.

Seems to me that, rather than decrying the "death" of CW, demanding its retention in licensing (despite its being truly obsolete in the commercial world) and looking for scapegoats and conspiracies, those of us who truly \_enjoy\_ CW (and most of us who use it a lot must enjoy it or we'd be doing something else with our "free" time) ought to be promoting CW as a FUN, challenging activity, transforming it's image from something akin to preventative doses of castor oil ("Don't think about how it tastes, it's good for you!") into that of something worth doing in its own right. (Think of the number of people who go rock climbing or whitewater kayaking or run in

marathons just because it's a challenge to do so -- wouldn't some of these folks be attracted to CW for the very same reason?)

CW will die if and only if it is allowed to by people who fail to communicate to the rest of the world why THEY **\*\*like\*\*** to use it. Meantime, I'm going to go on using it as my primary mode simply because I enjoy it

--

Bill Meahan WA8TZG [www@wa8tzg.mi.org](mailto:www@wa8tzg.mi.org)  
ARRL, IMRA, QRP-L(#117), NorCal QRP (#407), G-QRP (#8468), MI-QRP (#M1458)  
All statements herein are worth exactly what you paid for them  
cat: a purr bearing mammal

-----  
Date: Sun, 21 Sep 1997 16:53:42 -0600  
From: "Timothy J. Pettibone" <[tpettibo@nmsu.edu](mailto:tpettibo@nmsu.edu)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [27174] QRPTTF  
Message-ID: <3.0.3.32.19970921165342.0068fac0@dante.nmsu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Darn - had to work Saturday but I did sneak in 2 hours or so of QRPTTF. Did it mobile fixed in the parking lot at the NMSU Pan American Center (basketball arena). Rig was QRP+ @ 4.9 W to Hamsticks on 20/40m. Worked 28 Qs on 20m and 1 on 40m. 40m was terrible with lots of QRN. Had 15 mults so score was 1,740. Worked some of the standards including that elusive Chuck (K5FO). Worked N4BP twice but he didn't get my RST the first time. Three stations were working 900mw! I may have to try that one of these days. Never did hear any fellow New Mexicans and Northwest, Northeast and Midwest were pretty rare. Had fun anyway.

Was mobiling last week on business trip. Highlight was breaking up a mini-pileup and catching CT3/DK9IP on 20m with the above rig and antenna.

Tim K5OI  
NE QRP # 368

-----  
Date: Sun, 21 Sep 1997 13:54:01 -0400  
From: "Kevin F. Glynn" <[KFGlynn@prodigy.net](mailto:KFGlynn@prodigy.net)>



To: "QRP-L" <qrp-l@Lehigh.EDU>, "NJ-QRP" <njqrp@NJQRP.ORG>, "LIQRP"  
<liqrp@waterw.com>  
Subject: [27175] Tnx for ARCI Award  
Message-ID: <199709212253.SAA57736@mail1y-int.prodigy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Gang,

I would also like to say thanks for the very nice award certificate from  
the ARCI. I echo Ken's words for perfect condition on delivery, and it'll  
sure look good next to other awards.

72 Kevin N2T0  
kfglynn@prodigy.net

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End of QRP-L Digest 855

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